

名古屋大学博物館 吉田英一

主な業績

論文（査読あり欧文誌／邦文誌）

No.	著書・学術論文の名称、単著・共著の別、発行所・発表雑誌・発表学会の名称（巻）発行・発表の年月、最初と最後の頁 (共同の場合は共同執筆者) その他外部資金等
1	吉田英一・村田正文 (1985) 大分県佐伯市北東部における二疊紀放散中化石生層序.地質学雑誌, vol.91, No.8, pp.525-533.
2	吉田英一 (1985) 大分県佐伯市北東部の地質および仏像構造線の再検討.地質学雑誌, vol.91, No.12, pp.867-877.
3	佐藤徹・村田正文・吉田英一 (1986) 九州秩父累帯南部における三疊紀-ジュラ紀放散中化石帶.大阪微化石研究会誌特別号 vol.7, pp.9-23.
4	<u>Yoshida,H.</u> (1986) Upper Triassic to Lower Jurassic radiolarian biostratigraphy in Kagamigahara city, Gifu prefecture, central Japan. Jour. Earth Sci. Nagoya Univ., vol.34, pp.1-21.
5	吉田英一・山川 稔(1989) ベルギー・モル王立原子力研究センターにおける地層処分のための地下空間利用. 地下空間利用に関するシンポジウム特別号, pp.6-12.
6	吉田英一・大沢英昭・柳沢孝一・山川 稔 (1989) 深部花崗岩中の割れ目解析-岐阜県東濃地域に分布する花崗岩類を例にして-. 応用地質 vol.30, No.3, pp.11-22. (応用地質学会論文賞受賞)
7	Put,M., Monsecour,M., Fonteyne,A., <u>Yoshida,H.</u> , De Regge,P. (1989) In-situ migration experiments in Boom clay at Mol; Experimental method and preliminary results. Mat. Res. Soc. Symp. Proc., vol.127, pp.621-628.
8	Monsecour,M., Put,M., Fonteyne,A., <u>Yoshida,H.</u> (1990) Migration experiments in the underground facility at Mol; to validate safety assessment model. Proc. NEA/SKI Symp. Validation of Geosphere Flow and Transport Models (GEOVAL), pp.344-351.
9	Put,M., Monsecour,M., Fonteyne,A., <u>Yoshida,H.</u> (1991) Estimation of the migration parameters for the Boom Clay; Formation by percolation experiments on undisturbed clay cores. Proc. Mat. Res. Soc. Symp., vol.212, pp.823-829.
10	Nohara,T., Ochiai,Y., Seo,T., <u>Yoshida,H.</u> (1992) Uranium-series disequilibrium studies in the Tono uranium deposit, Japan. Radiochimica Acta, vol.58/59, pp.409-413.
11	<u>Yoshida,H.</u> , Monsecour,M., Basham,I.R. (1991) Use of microscopic techniques in migration studies on Boom clay. Radiochimica Acta, vol.52/53, pp.133-138.
12	Seo,T., <u>Yoshida,H.</u> (1992) Natural Analogue Studies of the Tono Uranium Deposit in Japan. Proc. CEC Natural Analogue Working Group (NAWG) meeting, pp.141-146.
13	湯佐泰久・吉田英一 (1993) 天然放射性核種の地層中での挙動-東濃ウラン鉱床における事例研究-. 放射線, vol.20, No.1, pp.29-39.
14	<u>Yoshida,H.</u> , Sakuma,H., Yusa,Y. (1994) The Tono Natural Analogue Study Program. Proc. CEC Natural Analogue Working Group (NAWG) meeting, pp.295-298.
15	<u>Yoshida,H.</u> (1994) Relation between U-series nuclide migration and micro-structural properties of sedimentary rocks. Applied Geochemistry, vol.9, pp.479-490.
16	<u>Yoshida,H.</u> , Kodama,K., Ota,K. (1994) Role of microscopic flow-paths on nuclide migration in sedimentary rocks -A case study from the Tono uranium deposit, central Japan-. Radiochimica Acta, vol.66/67, pp.505-511.
17	<u>Yoshida,H.</u> , Yui,M., Shibutani,T. (1994) Flow-path structure in relation to nuclide migration in sedimentary rocks -An approach with field investigations and experiments for uranium migration at Tono uranium deposit, central Japan-. Jour. Nucl. Sci. Tech., vol.31, No.8, pp.803-812.
18	Ota,K., <u>Yoshida,H.</u> (1994) Influence of microscopic heterogeneity on diffusion for sedimentary rocks. Proc. Validation of Geosphere Flow and Transport Models (GEOVAL), pp.237-243.
19	Osawa,H., Sasamoto,H., Nohara,T., Ota,K., <u>Yoshida,H.</u> (1995) Development of a conceptual flow-path model of nuclide migration in crystalline rock -A case study at the Kamaishi in-situ test site, Japan-. Proc. Mat. Res. Soc. Symp., vol.239, pp.1267-1273.
20	吉田英一 (1995) 高レベル放射性廃棄物処分の安全評価の現状と課題. 日本原子力学会誌特集号, vol.37, pp.988-1016.
21	Koide,K., Sugihara,K., <u>Yoshida,H.</u> , Seo,T., Yanagizawa,Y. (1996) Current State of Geoscientific studies in and around the Tono Mine in Japan. Proc. International Conference on Deep Geological Disposal of Radioactive Waste, pp.7/19-7/29.

22	Uchida,M., Umeki,H., <u>Yoshida,H.</u> (1996) A Tracer Experiment at the Kamaishi Mine -As a Part of an Integrated Approach to Geosphere Transport Modeling-, Proc. NEA GEOTRAP PROJECT, pp.191-201
23	吉田英一 (1996) ナチュラルアナログ研究の再考 -東濃ウラン鉱床における研究を例にして-. 日本原子力学会放射性廃棄物研究誌, vol.2, pp.93-102.
24	西園幸久・吉田英一・村田正文 (1996) 九州の秩父累帯南帯におけるペルム紀-三畳紀境界付近の珪質岩層. 地質学雑誌, vol.102, pp.591-608.
25	Iwatsuki,T., <u>Yoshida,H.</u> (1996) Water-rock interaction analysis in relation to geological structure in deep Crystalline rock at the Tono area, Japan. Proc. Chemical Containment of Wastes in Geosphere, pp.114-119.
26	<u>Yoshida,H.</u> (1996) The Use of Japanese Natural Analogue Studies for Performance Assessment. Proc. CEC Natural Analogue Working Group (NAWG) meeting, pp.205-211.
27	Suzuki,K., <u>Yoshida,H.</u> , Amano,K., Yogo,S. (1996) CHIME dating of monazite from pelitic hornfels of the Kurihashi granodiorite, Kitakami mountains. Jour. Earth and Planetary Sciences Nagoya Univ., vol.43, pp.17-26.
28	青木和弘・菊地 正・吉田英一 (1997) 釜石原位置試験における掘削影響試験. 岩の力学ニュース, pp.2-6
29	岩月輝希・豊嶋賢治・吉田英一 (1998) 深地層を対象とした地下水の地球化学調査の現. 原子力パックエンド研究, vol.4, pp.73-81.
30	Baker,S.J., West,M.J., Noy,D.J., <u>Yoshida,H.</u> , Aoki,K. (1998) A biogeochemical assessment of the Tono Site, Japan. Jour. Contaminant Hydrology, vol.35, pp.331-340.
31	Toyoda,S., Ikeya,M., Komuro,K., Sato,K., <u>Yoshida,H.</u> (1998) ESR and CL observed in quartz grains from uranium deposits; Implications for uranium migration in natural hydrological environment. Radiochimica Acta, vol.82, pp.331-334.
32	Iida,Y., Ohnuki,T., Isobe,H., Yanase,N., Sekine,K., <u>Yoshida,H.</u> , Yusa,Y. (1998) Migration behaviour of rare earth elements in Toki granitic rock, central Japan. Jour. Contaminant Hydrology, vol.35, pp.191-199.
33	Iwatsuki,T., <u>Yoshida,H.</u> (1999) Groundwater chemistry and fracture mineralogy in the basement granitic rock in the Tono uranium mine area, Gifu prefecture, Japan -Groundwater composition, Eh evolution analysis by fracture filling minerals-. Geochemical Journal, vol.33, pp.19-32.
34	狩野真吾・土屋範芳・武部雅汎・天野健治・吉田英一 (1999) 釜石鉱山・栗橋花崗閃綠岩中の割れ目系における二次元分布のモノフラクタル性. 日本地熱学会誌, vol.21, pp.327-339.
35	吉田英一・湯佐泰久 (1999) 世界における天然類似現象（ナチュラルアナログ）研究の概要. 電気評論9月号別冊, pp.12-17.
36	吉田英一・湯佐泰久 (1999) 東濃ウラン鉱床におけるナチュラルアナログ研究, - 最近の研究成果と今後の展開について-. 電気評論9月号別冊, pp.23-29.
37	Tsubota,K., <u>Yoshida,H.</u> , Hama,K., Matsui,H. (1999) What we have learnt from Kamaishi in-situ experiments, -A reliable model development around a drift in granitic rock-. Proc. Radioactive Waste Management and Environmental Remediation-ASME1999, #984, pp.1-8.
38	Shimizu,K., <u>Yoshida,H.</u> , Seo,T. (1999) Feasibility of selecting a suitable site for high-level radioactive waste disposal in Japan. Proc. Radioactive Waste Management and Environmental Remediation-ASME1999, #1170, pp.1-6.
39	Iwatsuki,T., <u>Yoshida,H.</u> (1999) Characterizing the chemical containment properties of the deep geosphere: water-rock interactions in relation to fracture systems within deep crystalline rock in the Tono area, Japan. Geological Society, London, Special Publications, 57, pp.71-84.
40	<u>Yoshida,H.</u> , Aoki,K., Semba,T., Ota,K., Amano,K., Hama,K., Kawamura,M., Tsubota,K. (2000) Overview of the stability and barrier functions of the granitic geosphere at the Kamaishi mine; Relevance to radioactive waste disposal in Japan. Engineering Geology, vol.56, pp.151-162.
41	Mikake,S., <u>Yoshida,H.</u> , Koide,K., Yanagizawa,K., Ogata,N., Maekawa,K. (2000) Methodology development for modeling of heterogeneous conductivity fields for a sandstone type uranium deposit, central Japan. Engineering Geology, vol.56, pp.185-195.
42	Takahashi,Y. Shimizu,H. Kagi,K. <u>Yoshida,H.</u> Usui,A, Nomura,M. (2000) A new method for the determination of Ce-III/Ce-IV ratios in geological materials; application for weathering, sedimentary and diagenetic processes. Earth and Planetary Science Letters, 182, pp.201-207.
43	清水和彦・瀬尾俊弘・吉田英一(2001)高レベル放射性廃棄物の地層処分と我が国の地質環境. 資源と素材, 117, pp.775-784.
44	Hama,K. Bateman,K. Coombs,P. Hards,V.L. Milodowski,A.E. West,J.M. Wetton,P.D. <u>Yoshida,H.</u> , Aoki, K. (2001) The influence of bacteria on low temperature rock-water interaction, and clay mineral formation in granitic environments. Clay Minerals, 36, pp.599-613.
45	Iwatsuki,T. Satake,H. Metcalfe,R., <u>Yoshida,H.</u> (2002) Isotopic and morphological features of fracture calcite from granitic rocks of the Tono area, Japan: a promising palaeohydrogeological tool. Applied Geochemistry, 17, pp.1241-1257.
46	Hama,K. Amano,K. Metcalfe,R. <u>Yoshida,H.</u> Iwatsuki,T. Milodowski,A.E., Gillespie,M.R. (2002) Mineralogical and petrological evidence for the hydrogeological characteristics of the Tsukiyoshi Fault, Japan. Quarterly Journal of Engineering Geology and Hydrogeology, 35, pp.189-202.
47	吉田英一・佐藤治夫・仙波毅 (2002) マトリクス拡散による物質移動の遅延効果の評価手法とその検討. 応用地質, Vol.1, pp.22-33.

48	Takahashi,Y., <u>Yoshida,H.</u> , Sato,N., Hama,K., Yusa,Y., Shimizu,H. (2002) W- and M-type tetrad effects in REE patterns for water-rock systems in the Tono uranium deposit, central Japan. <i>Chemical Geology</i> , 184, pp.311-335.
49	Tsubota,K., <u>Yoshida,H.</u> , Hama,K., Amano,K., Milodowski,A.E., Metcalfe,R. (2002) The Role of the Tsukiyoshi Fault as a Control on Nuclide Migration in the Tono Uranium Deposit, Central Japan. Proc. CEC Natural Analogue Working Group (NAWG) meeting, pp.87-97.
50	Ijiri,Y., Sawada,A., Sasamoto,K., <u>Yoshida,H.</u> , Uchida,M., Ishiguro.K., Umeki,H. (2002) Future Prospects for Site Characterization and Underground Experiments Related to Transport Based on the H12 Performance Assessment. Proc. the 4th GEOTRAP Workshop, OECD/NEA, pp.56-65.
51	与語節生・吉田英一・山本鋼志 (2002) 染色法による岩石中微小空隙構造の同定とその特徴. 名古屋大学博物館報告, 17, pp.23-31.
52	吉田英一・山本鋼志・A.E.Milodowski (2003) 酸化還元フロントの形成と二次的物質移動現象 -地質環境中汚染物質の移動と長期的固定に関するアナログ研究-. 地質学雑誌, 109, pp.158-168.
53	Takahashi,Y., Amano,K., Hama,K., Mizuno,T., <u>Yoshida,H.</u> , Shimizu,H. (2003) Reply to the comment by T.Monecke, U.Kempe, J.Monecke, and P.M.Herzig on "W-and M-type tetrad effects in REE patterns for water-rock systems in the Tonouranium deposit, central Japan". <i>Chemical Geology</i> , pp.185-189.
54	Hoshino,M., Katsurada,Y., Yamamoto,Y., <u>Yoshida,H.</u> , Kadohira,M., Sugitani,K., Nyangaga,L.M., Opiyo-Akech,N., Mathu,E.M., Kang'ethe,E.K. (2004) Gully erosion in Western Kenya. <i>Jour. Geological Society of Japan</i> , vol.110, II-III (cover page)
55	吉田英一・松岡敬二 (2004) 愛知県豊橋市高師原台地から産する「高師小僧」. 名古屋大学博物館報告, No.20, pp.25-34.
56	大嶋章浩・吉田英一 (2004) 活断層周辺岩盤の割れ目と化学組成の変化-岐阜県付知地域の阿寺断層による事例研究-. 環境地質学論文集, vol.14, pp.1-11.
57	赤川史典・吉田英一・與語節生・山本鋼志(2004)花崗岩割れ目周辺の酸化還元反応と二次的物質移動現象-地質環境中汚染物質の移動と長期固定に関するアナログ研究-. 地質学雑誌, vol.110, pp.671-685.
58	吉田英一・赤川史典・山本鋼志 (2004) 花崗岩中の酸化還元反応と物質移動現象. 環境地質学論文集, vol.14, 93-96.
59	吉田英一・山本鋼志 (2004) 酸化還元反応と長期的天然バリア機能. 月刊地球vol.26, pp.475-479.
60	<u>Yoshida,H.</u> , Takeuchi,M., Metcalfe,R. (2005) Long-term stability of flow-path structure in crystalline rocks distributed in an orogenic belt, Japan. <i>Engineering Geology</i> , 78, pp.275-284.
61	武邊勝道・鶴留浩和・赤川史典・山本鋼志・吉田英一 (2005) 島根県仁多郡東出雲町横田地域の土壤の化学組成とたら製鉄の関係. 名古屋大学博物館報告, No.21, pp.33-42.
62	栗山健弘・吉田英一・山本博文・勝田長貴 (2006) 河岸段丘礫の風化殻にみる酸化フロントの形成とその移動速度. 地質学雑誌, Vol.112, pp.136-152.
63	Akagawa,F., <u>Yoshida,H.</u> , Yogo,Y., Yamamoto,K. (2006) Redox front formation in fractured crystalline rock: an analogue of matrix diffusion in oxidizing front along water conducting fracture. <i>Geochemistry, Exploration, Environment and Analysis</i> , Vol.6, pp.49-56. (correponding author)
64	Alexander,W.R., Giere,R., Hidaka,H., <u>Yoshida,H.</u> (2006) Natural immobilization processes aid the understanding of long-term evolution of deep geological radioactive waste repositories. <i>Geochemistry, Exploration, Environment, and Analysis</i> , Vol.6, pp.3-4.
65	Asahara,Y., Ishiguro,H., Tanaka,T., Yamamoto,K., Mimura,K., Minami,M., <u>Yoshida,H.</u> (2006) Application of Sr isotopes to geochemical mapping and provenance analysis: The case of Aichi Prefecture, central Japan. <i>Applied Geochemistry</i> , 21, pp.419-436.
66	Minami,M., Tanaka,T., Yamamoto,K., Mimura,K., Asahara,Y., Takeuchi,M., <u>Yoshida,H.</u> , Yogo,S. (2006) Database for geochemical mapping of the northeastern areas of Aichi Prefecture, central Japan RF major element data of stream sediments collected in 1994 to 2004. <i>Journal of Earth and Planetary Sciences</i> , Nagoya University, 52, pp.25-67.
67	<u>Yoshida,H.</u> , Yamamoto,K., Yogo,S., Murakami,Y. (2006) An analogue of matrix diffusion enhanced by biogenic redox reaction in fractured sedimentary rock. <i>Journal of Geochemical Exploration</i> , 90, 134-142.
68	<u>Yoshida,H.</u> , Yamamoto,K., Murakami,Y., Matasuoka,K. (2006) Formation of biogenic iron-oxide nodules in reducing sediments as an analogue of near-field redox reaction products. <i>Physics and Chemistry of the Earth</i> , 31, pp.593-599.
69	武邊勝道・大屋誠・三村耕一・杉谷健一郎・山本鋼志・亀谷均・高田龍一・吉田英一 (2006) 中海安来港内の有機質に富む堆積物（ヘドロ）とその間隙水の化学組成. 名古屋大学博物館報告.No22, pp.19-29.
70	Yamamoto,K., Tanaka,T., Minami,M., Mimura,K., Asahara,Y., <u>Yoshida,H.</u> , Yogo,S., Takeuchi,M., Inayoshi,M. (2007) Geochemical mapping in Aichi Prefecture, Japan: Its significance as a useful dataset for geological mapping. <i>Applied Geochemistry</i> . 22, pp.306-319.
71	Katsurada,Y., Hoshino,M., Yamamoto,K., <u>Yoshida,H.</u> , Sugitani,K., (2007) Gully head retreat of Awach-Kano gullies, Nyanza Province, Kenya: field measurement and pixel-based upslope catchment assessment. <i>African Study Monographs</i> , 28, pp125-141.
72	吉田英一 (2006) 総説：地質環境中の物質移動現象とその評価方法について -粘土質難透水性堆積層における特徴と課題-. 地質汚染-医療地質-社会地質学雑誌,vol.2,72-81.

73	吉田英一 (2007) 総説：地層処分システムと微生物-地下研究施設における微生物影響研究の考え方.原子力バックエンド研究, 14, pp.31-41.
74	<u>Yoshida,H.</u> , Yamamoto,K., Amano,Y., Katsuta,N., Naganuma,T., Hayashi,T. (2008) The persistence of Fe-oxyhydroxides in a reducing geological environment: implications for the post-closure safety of radioactive waste repositories. <i>Environmental Geology</i> , 55, pp.1363-1374.
75	<u>Yoshida,H.</u> , Metcalfe,R., Yamamoto,K., Murakami,Y., Hoshii,D., Kanekiyo,A., Hayashi,T. (2008) Redox front formation in an uplifting sedimentary rock sequence: An analogue for redox-controlling processes in the geosphere around deep geological repositories for radioactive waste. <i>Applied Geochemistry</i> , 23, pp.2364-2381.
76	<u>Yoshida,H.</u> , Yamamoto,K., Murakami,Y., Katsuta,N., Hayashi,T. (2008) The development of Fe-nodules surrounding biological material mediated by microorganisms. <i>Environmental Geology</i> , vol.55, pp.1363-1374.
77	西本昌司・鵜飼恵美・天野健治・吉田英一 (2008) 地下深部花崗岩の変質プロセス解析-土岐花崗岩を例にして-. 応用地質, 49, pp.94-104.
78	吉田英一・西本昌司・長秋雄・山本鋼志・勝田長貴 (2008) 地下花崗岩体の変質とその形態-産総研岡山応力測定用深部花崗岩コア試料の変質を例に-. 応用地質, 49, pp.256-265
79	吉田英一・大嶋章浩・吉村久美子・長友晃夫・西本昌司 (2009) 断層周辺に発達する割れ目形態とその特徴-阿寺断層における'ダメージゾーン'解析の試み-. 応用地質, 50, pp.16-28.
80	<u>Yoshida,H.</u> , Metcalfe,R., Seida,Y., Takahashi,H., Kikuchi,T. (2009) Retardation capacity of altered granitic rock distributed along fractured and faulted zones in the orogenic belt of Japan. <i>Engineering Geology</i> , 106, pp.116-122.
81	長友晃夫・吉田英一 (2009) 断層と割れ目系及びその充填鉱物を用いた阿寺断層の地質的履歴解析.地質学雑誌, 115, pp.512-527.
82	<u>Yoshida,H.</u> , Nishimoto,S., Metcalfe,R. (2010) Altered crystalline rock distributed along groundwater conductive fractures and the retardation capacity in the orogenic field of Japan. <i>Proceedings of the 12th International Conference on Environmental Remediation and Radioactive Waste Management ICEM2009</i> , Liverpool, UK, ICEM-16332.
83	Nishimoto,S., <u>Yoshida,H.</u> (2010) Hydrothermal alteration of deep fractured granite: Effect of dissolution and precipitation. <i>Lithos</i> , 115, pp.153-162.
84	丸山一平・浅原良浩・南雅代・吉田英一 (2010) 同位体分析による実構造中のコンクリートの中性化進行評価の試み.社団法人セメント協会、セメント・コンクリート論文集, vol.64, pp.139-146.
85	Nakamura,T., Hoshino,M., Tanaka,T., <u>Yoshida,H.</u> (2010) Early bronze age strata at tell Gharem Al-ali along the middle Euprates in Syria: A preliminary report of C-14 dating results. <i>RADIOCARBON</i> , Vol.52, pp.23-28.
86	<u>Yoshida,H.</u> , Metcalfe,R., Nishimoto,S., Yamamoto,H., Katsuta,N. (2011) Weathering rind formation in buried terrace cobbles during periods of up to 300ka. <i>Applied Geochemistry</i> , vol.26, pp.1706-1721.
87	吉田英一 (2012) 岩盤透水性亀裂とその長期的挙動—現状と今後の課題— (総説), <i>地学雑誌</i> , vol.121, pp.68-95.
88	Yamamoto,K., <u>Yoshida,H.</u> , Akagawa,F., Nishimoto,S., Metcalfe,R. (2013) Redox front penetration in the fractured Toki Granite, central Japan: An analogue for redox reaction and redox buffering in fractured crystalline host rocks for repositories of long-lived radioactive waste. <i>Applied Geochemistry</i> , vol.35, pp.75-87.(corresponding author)
89	<u>Yoshida,H.</u> , Maejima,T., Nakajima,S., Nakamura,N., Yoshida,S. (2013) Features of fractures forming flow paths in granitic rock at an LPG storage site in the orogenic field of Japan. <i>Engineering Geology</i> , vol.152, pp.77-86.
90	<u>Yoshida,H.</u> , Metcalfe,R., Ishibashi,M., Minami,M. (2013) Long-term stability of fracture systems and their behaviour as flow-paths in uplifting granitic rocks from the Jaoanese orogenic field. <i>Geofluids</i> , vol.13, pp.45-55.
91	<u>Yoshida,H.</u> , Katsuta,N., Metcalfe,R. (2014) 'Fish-eye' type concretions: A possible analogue of radionuclide migration and retardation in rock matrices around buried HLW containers. <i>Jour. Geol. Soc. Japan</i> , vo.120, IX-X.
92	吉田英一, 山本鋼志 (2014) 地下環境中の鉄(III)水酸化鉱物と地層処分：地下水シナリオへの影響とその検討（総説）, <i>地質学雑誌</i> , Vol.120, pp.327-343.
93	Nishimoto,S., <u>Yoshida,H.</u> , Asahara,Y., Tsurura,T., Ishibashi,M., Katsuta,N. (2014) Episyenite foramtion in the Toki granite, central Japan. Contribution to the Mineralogy and Petrology, Vol.167, pp.1-12.DOI 10.1007/s00410-013-0960-8
94	<u>Yoshida,H.</u> , Nagatomo,A., Oshima,A., Metcalfe,R. (2014) Geological characterisation of the active Atera Fault in central Japan: Implications for defining fault exclusion criteria in crystalline rocks around radioactive waste repositories. <i>Engineering Geology</i> , vol.177, pp.93-103.
95	石橋正祐紀, 安藤友美, 笹尾英嗣, 湯口貴史, 西本昌司, 吉田英一 (2014) 深部結晶質岩における割れ目の形成・充填過程と透水性割れ目の地質学的特徴—土岐花崗岩を例として—, <i>応用地質学雑誌</i> , vol.4, pp.1-10.
96	<u>Yoshida,H.</u> , Ujihara,A., Minami,M., Asahara,Y., Katsuta,N., Yamamoto,K., Sirono,S., Maruyama,I., Nishimoto,S., Metcalfe,R. (2015) Early post mortem formation of carbonate concretions around tusk-shells over week-month timescales. <i>Scientific Reports</i> , 5:14123 DOI: 10.1038/srep14123.
97	Igarashi,Go., Maruyama,I., Nishioka,Y., <u>Yoshida,H.</u> (2015) Influence of mineral composition of siliceous rock on its volume change. <i>Construction and Building Materials</i> vol.94, pp.701-709.

98	Ishibashi,M., Yoshida,H., Sasao,E., Yuguchi,T. (2016) Long term behavior of hydrogeological structures associated with faulting: An example from the deep crystalline rock in the Mizunami URL, Central Japan. Enginerring Geology, vol.208, pp.114-127.
99	Ono,T., Yoshida,H., Metcalfe,R. (2016) Use of fracture filling mineral assemblages for characterizing waterrock interactions during exhumation of an accretionary complex: An example from the Shimanto Belt, southern Kyushu Japan. Journal of Structural Geology vol.87, pp.81-94.(correcponding author)
100	村宮悠介, 吉田英一, 山本鋼志, 南 雅代 (2017) 初期続成過程における巨大球状コンクリーション形成. 地質学雑誌, vol.123, pp.939-952.
101	<u>Yoshida,H.</u> , Yamamoto,K., Minami,M., Katsuta,N., Sirono,S., Metcalfe,R. (2018) Generalized conditions of spherical carbonate concretion formation around decaying organic matter in early diagenesis. Scientific Reports, 8:6308 DOI:10.1038/s41598-018-24205-5.
102	<u>Yoshida,H.</u> , Hasegawa,H., Katsuta,N., Maruyama,I., Sirono,S., Minami,M., Asahara,Y., Nishimoto,S., Yamaguchi,Y., Ichinnorov,N., Metcalfe,R. (2018) Fe-oxide concretions formed by interacting carbonate and acidic waters on Earth and Mars. Science Advances, 4: eaau0872.
103	Yamamoto,K., Haruta,H., Yogo,S., <u>Yoshida,H.</u> . (2019) Behavior of major and trace elements during weathering rind formation in buried terrace basalt cobble. Geochemical Journal, vol.53, pp.219-222.10.2343/geochemj.2.0558
104	<u>Yoshida,H.</u> , Asahara,Y., Yamamoto,K., Katsuta, N., Minami,M., Richard,M. (2019) 87Sr/86Sr age determination by rapidly formed spherical carbonate concretions. Scientific Reports, https://doi.org/10.1038/s41598-019-38593-9
105	村宮悠介・氏原 溫・大路樹生・吉田英一 (2020) 中新統師崎層群の球状コンクリーションと深海性動物群化石, 地質学雑誌 (受理/印刷中)
106	<u>Yoshida,H.</u> , Yamamoto,K., Ohe,T., Katsuta,N., Muramiy,Y., Metcalfe,R. (2020) Diffusion controlled formation of spherical carbonate concretion in muddy sedimentary matrices. Geochemical Journal, 54, 233-242.
107	Muramiya,Y., <u>Yoshida,H.</u> , Kubota,K., Minami,M. (2020) Rapid formation of gigantic spherical dolomite concretion in marine sediments. Sedimentary Geology, 404, 105664.
108	Sirono,S., Shibata,T., Katsuta,N. <u>Yoshida,H.</u> . (2020) Numerical simulation of iron oxide concretions on Earth and Mars through dissolution of calcite. Geochimica et Cosmochimica Acta. (accepeted)
109	<u>Yoshida,H.</u> , Katusta,N., Sirono,S., Nishimoto,S., Metcalfe,R. (2020) 'Tree ring-like' iron-oxide Liesegang patterns in cobblestones: formation process and reaction time estimation. Chemical Geolog, 552,119786.
110	
111	
112	

No.	著書・学術論文の名称、単著・共著の別、発行所・発表雑誌・発表学会の名称（巻）発行・発表の年月、最初と最後の頁（共同の場合は共同執筆者）その他外部資金等
1	<u>Yoshida,H.</u> et al. (1999) Use of Natural Analogues to Support Radionuclide Transport Models for Deep Geological Repositories for Long Lived Radioactive Wastes. IAEA (国際原子力機関) IAEA-TECDOC-1109.
2	吉田英一ほか共著 (2003) サイエンス・コミュニケーション -科学を伝える人の理論と実践-. In "ノーベル賞受賞者からのメッセージ". 丸善プラネット, 東京, pp.377-389.
3	吉田英一ほか共著 (2004) 月刊地球総特集「地質環境の長期安定性」(上・下)巻
4	吉田英一 岸祐 (2003) 地下環境機能—廃棄物の最前線に学ぶー 近未来社
5	吉田英一ほか共著 (2005) 環境学(研究ソースブック) 伊勢湾流域圏の視点から. 名古屋大学大学院環境学研究科編
6	吉田英一ほか共著 (2010) 地球と宇宙の化学事典 朝倉書店
7	吉田英一 岸祐 (2012) 地層処分—脱原発後に残される科学課題ー 近未来社
8	吉田英一 岸祐 (2019) 球状コンクリーションの科学 近未来社
9	吉田英一監修 (2020) 学研の図鑑「鉱物・岩石・化石」 学研
10	
11	
12	
13	
14	
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