

List of Publications

[Symbols]

JE in Japanese with English abstract

◦ The first author

* Researchers belonging to University of Tsukuba, not to the Doctoral Program of Earth Evolution Sciences

** Researchers not belonging to University of Tsukuba

*** Undergraduate students, graduate students and auditors belonging to University of Tsukuba

Agematsu, S. (2016): An overview of dinosaur footprints in the Khorat Group, northeastern Thailand, and characteristics of the dinosaur ichnofauna. *Fossils*, **100**, 109-123. (with Kozu, S.°***, Sard-sud, A.**, Saesaengseerung, D.**, Pothychaiya, C.**, and Sashida, K.) **JE**

——— (2015): Lithostratigraphy and sedimentology of the Shirahama Group around Shimoda District, Izu Peninsula, central Japan. *Bulletin of the National Museum of Nature and Science Series C (Geology/Paleontology)*, **41**, 1-15. (with Utagawa, F.°***, Tsunogae, T., Sashida, K.)

——— (2015): Dinosaur footprints in northeastern Thailand. *Fossils*, **98**, 1-2. (with Kozu, S.°***, Sardsud, A.**, Saesaengseerung, D.**, Pothychaiya, C.**, and Sashida, K.) **JE**

Anma, R. (2015): The Taitao ophiolite-granite complex: Emplacement of ridge-trench intersection oceanic lithosphere on land and origin of calc-alkaline I-type granites. *Episodes*, **38**, 285-299. (with Shin, K-C.°**, Nakano, T., Orihashi, Y.**. and Ike, S.**))

——— (2015): Excavations at Qalat Said Ahmadan, Slemani, Iraq-Kurdistan: First Interim Report (2014 Season). *Al-Rafidan*, **36**, 1-50. (with Tsuneki, A.°**, Rasheed, K.**, Saber, S. A.**, Nishiyama, S.**, Ismail, B. B.**, Hasegawa, A.**, Tatsumi, Y.**, Miyauchi, Y.**, Jammo, S.**, Makino, M.** and Kudo, Y.**)

——— (2015) Appendix 1: Stones used in the Qalat Said Ahmadan and their sources. *Al-Rafidan*, **36**, 51-53.

Arakawa, Y. (2015): Petrochemical investigations of the Chichibu tonalite pluton, central Japan: implication for magmatic activities in a collision zone of izu-Bonin arc against Honshu arc. *Proceed. 2015 IAGR Annual Convention & 12th Intern. Conf. on Gondwana to Asia*, **21**, 5-6 (with Suzuki, T.**, Kouta, T.**)

———, (2015): Absence of *Elov16* attenuates steatohepa-

titis but promotes gallstone formation in a lithogenic diet-fed *Ldlr^{-/-}* mouse model. *Scientific Reports*, **5**, 17604 DOI: 10.1038/srep17604 (with Kuba, M.°***, Matsuzaka, T.*., Matsumori, R.***, Saito, R.***, Kaga, N.**, Taka, H.**, Ikehata, K.*., Okada, N.***, Kikuchi, T.***, Shimano, H.* and more 13 authors)

Enescu, B. (2015): Changes in seismicity and stress loading on subduction faults in the Kanto region, *Journal of Geophysical Research: Solid Earth*, **120**, 4, 2616-2626, doi:10.1002/2014JB011798 (with Gardonio, B.***, Marsan, D.**, Lengline, O.**, Bouchon, M.**, J.-L. Got**)

——— (2015): Unusual low-angle normal fault earthquakes after the 2011 Tohoku-oki megathrust earthquake, *Earth, Planets and Space*, **67**:100, doi:10.1186/s40623-015-0271-6 (with Yagi, Y.°, Okuwaki, R.***, Fukahata, Y.**)

——— (2016): Reply to ‘Tohoku rupture reloaded?’, *Nature Geoscience*, **9**, 183–185, doi:10.1038/ngeo2650 (with Tormann, T.***, Woessner, J.**, Wiemer, S.**)

Fujino, S. (2015): Marine biomarkers deposited on coastal land by the 2011 Tohoku-oki tsunami. *Natural Hazards*, **77**, 445–460. (with Shinozaki, T.°***, Ikebara, M.**, Sawai, Y.**, Tamura, T.**, Goto, K.**, Sugawara, D.** and Abe T.**)

——— (2015): Erosion of a paleo-tsunami record by the 2011 Tohoku-oki tsunami along the southern Sendai Plain. *Marine Geology*, **369**, 127–136. (with Shinozaki, T.°***, Goto, K.**, Sugawara, D.** and Chiba, T.**)

——— (2016): Paleoecological evidence for coastal subsidence during five great earthquakes in the past 1500 years along the northern onshore continuation of the Nankai subduction zone. *Quaternary International*, **397**, 523–540. (with Fujiwara, O.***, Komatsubara, J.**, Morita, Y. ** and Namegaya, Y.**)

Hisada, K.(2015): Mineoka ophiolite belt and Neogene accretionary prisms in the Boso Peninsula, Japan. Field Guidebook for IAGR conference in Tsukuba, Japan. 96p. (Ogawa, Y.°***, Tsunogae, T. and Okuzawa, K.**)

Ikehata, K. (2015): Mineralogical and geochemical characteristics of hydrothermal minerals collected from hydrothermal vent fields in the Southern Mariana spreading center. In: Subseafloor biosphere linked to global hydrothermal systems: TAIGA concept (eds Ishibashi J, Okino K, Sunamura M), Springer Japan,

- 275-287. (with Suzuki, R.**, Shimada, K.**, Ishibashi, J.**, Urabe, T.**)
- (2015): Dating of hydrothermal mineralization in active hydrothermal fields in the Southern Mariana Trough. In: Subseafloor biosphere linked to global hydrothermal systems: TAIGA concept (eds Ishibashi J, Okino K, Sunamura M), Springer Japan, 289-300. (with Ishibashi, J.***, Shimada, K.**, Sato, F.**, Uchida, A.**, Toyoda, S.**, Takamasa, A.**, Nakai, S.**, Hyodo, H.**, Sato, K.**, Kumagai, H.**)
- (2015): Absence of Elov16 attenuates steatohepatitis but promotes gallstone formation in a lithogenic diet-fed Ldlr^{-/-} mouse model. *Scientific Reports*, **5**, 17604. (with Kuba, M.°*, Matsuzaka, T.*, Matsumori, R.*., Saito, R.*., Kaga, N.**, Taka, H.**, Okada, N.*., Kikuchi, K.*., Ohno, H.*., Han, SI.*., Takeuchi, Y.*., Kobayashi, K.*., Iwasaki, H.*., Yatoh, S.*., Suzuki, H.*., Sone, H.**, Yahagi, N.*., Arakawa, Y., Fujimura, T.**, Nakagawa, Y.*., Yamada, N.*., Shimano, H.*.)
- Kamata, Y. (2015): A Middle-Late Devonian radiolarians from Klaeng of Rayong Province, southeast Thailand: Geotectonic significance of the Rayong area as a continental margin of the Sibumasu Block. *Journal of Asian Earth Science*, **104**, 197-204. (with Kato, M.**, Ueno, K.**, Miyashigashi, A.**, Charoentirat, T.**, Sardsud, A.**)
- Komuro, K. (2016) Replacement texture of cerussite reacted with aqueous sodium solution at temperatures from 150 to 170°C. *Shigen-Chisitsu*, **66**, 1-6. (with Tamura, I.***, and Nakata, M.**) JE
- Kurosawa, M. (2016): Trace-element compositions and Br/Cl ratios of fluid inclusions in the Tsushima granite, Japan: Significance for formation of granite-derived fluids. *Geochim. Cosmochim. Acta*, **182**, 216-230. (with Sasa, K.* and Ishii, S.*).
- Kyono, A. (2015): The co-evolution of Fe-oxides, Ti-oxides, and other microbially induced mineralprecipitates in sandy sediments: understanding the role of cyanobacteria in weathering and early diagenesis. *Journal of Sedimentary Research*, **85**, 1213–1227. (with Bower, D.M.***, Hummer, D.R.**, Steele, A.**)
- (2015): X-ray diffraction study of the icosahedral AlCuFe quasicrystal at megabar pressures. *Materials Letters*, **161**, 13-16. (with Takagi, S.°*, Mitani, S.*., Sugano, N.*., Nakamoto, Y.**, Hirao, N.**)
- (2015): High-pressure behavior of cuprospinel CuFe₂O₄: Influence of the Jahn-Teller effect on the spinel structure. *American Mineralogist*, **100**, 1752-1761. (with Gramsch, S.A.**, Nakamoto, Y.**, Sakata, M.**, Kato, M.*., Tamura, T.*., Yamanaka, T.**)
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- (2015): Selenium substitution effect on crystal structure of stibnite (Sb₂S₃). *Physics and Chemistry of Minerals*, **42**, 475-490. (with Hayakawa, A.**, Horiki, M.**)
- Maruoka, T. (2015): Sulphur geodynamic cycle. *Scientific Reports* **5**, doi:10.1038/srep08330 (with Kagoshima, T.° **, Sano, Y.**, Takahata, N.**, Fischer, T. P.**, Hattori, K.**)
- (2015): Inferring origin of mercury inclusions in quartz by multifractal analysis. *Nonlinear Processes in Geophysics* **22**, 47-52 (with Shibata, T.***, Echigo, T.**)
- Sashida, K. (2016): An overview of dinosaur footprints in the Khorat Group, northeastern Thailand, and characteristics of the dinosaur ichnofauna. *Fossils*, **100**, 109-123. (with Kozu, S.***, Sardsud, A.**, Saesaengseerung, D.**, Pothychaiya, C.**, Agematsu, S.) JE
- (2016): *Nipponomaria*, a new pleurotomarioidean gastropod genus (Mollusca) from the Pernmian Akasaka Limestone, central Japan. *Paleontological Research*, **20**, 385-393. (with Asato K.***, Kase, T.**, Okumura, M.**, Agematsu, S.).
- (2016): Latest Jurassic to Cretaceous radiolarians from the Miocene Chichibumachi Formation, Akahira Group, central Japan. *Journal of Geological Society of Japan*, **122**, 261-266. (with Matsui, K.***, Agematsu, S.) JE
- (2015): Lithostratigraphy and sedimentology of the Shirahama Group around Shimoda District, Izu Peninsula, central Japan. *Bulletin of the National Museum of Nature and Science. Series C (Geology/ Paleontology)*, **41**, 1-15. (with Utigawa, F.***, Agematsu, S., Tsunogae, T.)
- (2015): Dinosaur footprints in northeastern Thailand. *Fossils*, **98**, 1-2. (with Kozu, S. °***, Sardsud, A.**, Saesaengseerung, D.**, Pothychaiya, C.**, Agematsu, S.) JE
- Tsunogae, T. (2015): An exotic Mesoarchean microcontinent: The Coorg Block, southern India. *Gondwana Research*, **27**, 165-195. (with Santosh, M.***, Yang, Q.-Y.**, Shaji, E.**, Ram Mohan, M.**, Satyanarayanan, M.**)

- (2015): Early to late Neoproterozoic magmatism and magma mixing - mingling in Sri Lanka: implications for convergent margin processes during Gondwana assembly. *Ibid.*, doi:10.1016/j.gr.2015.02.013. (with He, X.-F.°**, Santosh, M.**, Malaviarachchi, S.P.K.**)
- (2015): Petrology and mineral equilibrium modeling of incipient charnockite from the Lützow-Holm Complex, East Antarctica: implications for granulite formation in a Gondwana fragment. *Geophysical Research Abstracts*, **17**, EGU2015-8650.
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- (2015): Multidisciplinary characterization of Tefedest terrane (Central Hoggar), Geodynamical and mineralization implication. *International Association for Gondwana Research Conference Series*, **21**, 3-4. (with Amara, M.***, Bendaoud, A.**, Hamoudi, M.**, Ouzegane, K.**, Hamimi, Z.**, Basem, Z.**, Djemai, S.**)
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- (2015): Petrology and Zircon U-Pb geochronology of meta-hornblendite and related gabbro from Wong Nam Khiao Area, Nakhon Ratchasima, Thailand. . *Ibid.*, **21**, pp.26. (with Fanka, A.°***, Daorerk, V.**, Tsutsumi, Y.*, Takamura, Y.***, Endo, T.***, Sutthirat, C.**)
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- (2015): Glacio- and Volcanogenic Events with Palaeogeography of Gondwana Sequence in Bangladesh: Evaluation from Mineralization and Lithofacies study. *Ibid.*, **21**, 38-40. (with Hossain, I.***, Sultan-Ul-Islam, Md.**, Roy, R.R.**, Talukder, S.**)
- (2015): Ultrahigh-density carbonic fluid inclusions from the Palghat-Cauvery Suture Zone, Southern India. *Ibid.*, **21**, 41-42. (Iinuma, M.°***, Santosh, M.**, Chetty, T.R.K.**)
- (2015): Petrology and geochemistry of metagabbro from Akarui Point in the Lützow-Holm Complex, East Antarctica: implications for Early Neoproterozoic arc magmatism? *Ibid.*, **21**, pp.51. (with Kazami, S.****)
- (2015): Bimodal magmatism and magma mixing processes of Siganding pluton in northeastern North China Craton. *Ibid.*, **21**, 52-53. (with Kobayashi, A.°***, Santosh, M.**, He, X.F.**)
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- (2015): Unusual low-angle normal fault earthquakes after the 2011 Tohoku-oki megathrust earthquake, *Earth, Planets and Space*, **67**:100. (with Okuwaki, R.***, Enescu, B.*, and Fukahata Y. **)
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- (2016): The 16 September 2015 Chile tsunami from the post-tsunami survey and numerical modeling perspectives. *Pure Appl. Geophys.*, **173**, 333-348. (with Aránguiz, R.***, González, G.**, González, J.**, Catalán, P.**, Cienfuegos, R.**, Okuwaki, R.***, Urra, L.**, Contreras, K.**, Rio, I.**, Rojas, C.**)