

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

- Anma, R. (2005): Tectonic rotations during the Chile ridge collision and obduction of the Taitao ophiolite (Southern Chile). *The Island Arc*, **14**, 599-615. (with Veloso, E. A. E.***, and Yamazaki, T.**)
- (2005): Overview of Glaciological Research Project in Patagonia 2003. *Bull. Glaciol. Res.*, **22**, 109-119. (with Aniya, M.°, Satow, K.**, Skvarca, P.**, Aoki, T.**, Sawagaki, T.**, Tanikawa, T.***, Naruse, R.**, Glasser, N.**, and Harrison, S.**)
- (2005): Accretionary complex origin of the Mafic-Ultramafic bodies of the Sanbagawa belt, central Shikoku, Japan. *International Geology Review*, **47**, 1058-1073. (with Terabayashi, M.°, Okamoto, K.**, Yamamoto, H.**, Kaneko, Y.**, Ota, T.**, Maruyama, S.**, Katayama, I.**, Komiya, T.**, Ishikawa, A.**, Ozawa, H.**, Windley, B. F.**, and Liou, J. G.**)
- (2006): Geologic reconnaissance of Lautaro volcano, Chilean Patagonia. *Revista Geologica de Chile*, **33**, 177-187. (with Motoki***, Orihashi, Y.**, Naranjo, J.A.**, Skvarca, P.**)
- Arakawa, Y. (2005): Elemental and Nd-Sr isotopic geochemistry of granitoids from the West Jungar foldbelt (NW China), with implications for Phanerozoic continental growth. *Geochim. Cosmochim. Acta*, **69**, 1307-1320. (with Chen, B.°**)
- Endo, K. (2005): Novel repetitive structures, deviant protein-encoding sequences and unidentified ORFs in the mitochondrial genome of the brachiopod *Lingula anatine*. *J. Mol. Evol.*, **61**, 36-53. (with Noguchi, Y.**, Rei, Ueshima, R.** and Jacobs, H.T.**)
- (2005): Molecular phylogeny of Acantharea (Actinopodea: Protista) based on small subunit rRNA gene sequences. *Sci. Rep., Inst. Geosci., Univ. Tsukuba. Sec.B.*, **26**, 13-22. (with Oka, A.*** and Endo, K.)
- (2006): Biphasic and dually coordinated expression of the genes encoding major shell matrix proteins in the pearl oyster *Pinctada fucata*. *Marine Biotechnology*, **8**, 52-61. (with Takeuchi, T.°***)
- (2006): Molecular evolution and functionally important structures of molluscan dermatopontin: Implications for the origin of molluscan shell matrix proteins. *Journal of Molecular Evolution*, **62**, 307-318. (with Sarashina, I.°, Yamaguchi, H.*, Haga, T.**, Iijima, M. and Chiba, S.**)
- (2006) : Molecular phylogeny of acantharian and polycystine radiolarians based on ribosomal DNA sequences, and some comparisons with data from the fossil record. *European Journal of Protistology*, **42**, 143-153. (with Kunitomo, Y.°***, Sarashina, I., Iijima, M. and Endo., K.)
- Hisada, K. (2005): Metamorphic age of the Southern Chichibu and Shimanto accretionary complexes in the Mitsumine district of the Kanto Mountains, central Japan: K-Ar ages of illite from phyllite. *J. Geol. Soc. Japan*, **111**, 217-223. (*JE*, with Hara°**)
- (2005): Early Permian ammonoids from the Kaeng Krachan Group of the Phatthalung-Hat Yai area, southern peninsular Thailand. *J. Asian Earth Sci.*, **24**, 739-752. (Fujikawa, M.°, Ueno, K.**, Sardud, A.**, Saengsrirachan, W.**, and Kamata, Y.**)
- (2005): Development of the educational program on dinosaurs. *Mem. Fukui Pref. Dinosaur Mus.*, **4**, 49-61. (*JE*, with Hirokawa, H.°**)
- (2006): Modal composition and its belonging of the pre-Neogene sandstone at Edosaki observation well in the northern part of the Kanto Plain, central Japan. *J. Geol. Soc. Japan*, **112**, 72-83. (*JE*, with Ota, K.**, Okuzawa, K.,** and Tanase, A.**)
- (2006): On the Lithostratigraphy of Permian rocks in Thailand: implications for depositional environments and tectonic settings. *J. Geol. Soc. Thailand*, **1**, 27-48. (with Assavapatchara, A.°**, Charusiri, P.**, Charoentitirat, T.**, Chutakositkanon, V.**, and Ueno, K.**)
- (2006): Paleo-geothermal structure of the Permo-Triassic accretionary complex in the Sa kaeo-Chanthaburi area, eastern Thailand: preliminary result of illite crystallinity analysis. *J. Geol. Soc. Thailand*, **1**, 49-56. (with Hara, H.°**, Chuta-

- kositkanon, V.** and Charusiri, P.**)
- (2006): Slip sense in the Southern Chichibu Belt in the Kanto Mountains, Japan: an indicator of plate subduction direction. *J. Geol. Soc. Thailand*, **1**, 83-90. (with Ueno, H.***)
- Hirai, H. (2005): Stability of filled-ice structure of methane hydrate and existence of a post filled-ice structure above 40 GPa. Proc. 20th AIRAPT, Science and Technology of High Pressure, E. Dinjus E. and Dahmen, N. eds., *Forschungszentrum Karlsruhe GmbH, Karlsruhe*, 146-1-146-6. (with Machida, S.***, Kawamura, T.**, Yamamoto, Y.** and Yagi, T.**)
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- (2006): Stabilizing of methane hydrate and transition to a new high-pressure structure at 40 GPa, *Amer. Mineralogist*, **91**, 826-830. (with Machida, ***, Kawamura, T.***, Yamamoto, Y.** and Yagi, T.**)
- (2006): A new high-pressure structure of methane hydrate surviving to 86 GPa and its implications for the interiors of giant planets. *Physics of the Earth and Planetary Interiors*, **155**, 170-176. (with Machida, S.***, Kawamura, T.**, Yamamoto, Y.** and Yagi, T.**)
- Kimata, M. (2005): Crystal chemistry of allanite from the Daibosatsu Pass, Yamanashi, Japan. *Mineralogical Magazine*, **69** (4), 403-423. (with Hoshino, M.***, Nishida, N.*, Kyono, A., Shimizu, M. and Takizawa, S.)
- (2005): Chemical composition of ferrocolumbites from the Ishikawa-yama granitic pegmatites, Fukushima, Japan. *J. Mineral. Petrol. Science*, **34** (5), 242-251. (JE, with Ryu, T.***, Nishida, N.*, Kyono, A. and Shimizu, M)
- (2005): The formation of omphacite in blue jadeites by the Cottrell atmosphere. *J. Mineral. Petrol. Sciences*, **34** (6), 288-293. (JE, with Ishida, N.***, Takizawa, S., Kyono, A. and Shimizu, M.)
- (2005): Allanite-(Ce) in granitic rocks from Japan: genetic implications of patterns of REE and Mn enrichment. *Canadian Mineralogist*, **44** (1), 45-62. (with Hoshino, M.***, Shimizu, M., Nishida, N* and Fujiwara, T.**)
- Komuro, K. (2005): Chemical profiles across a Jurassic stratiform manganese deposit at Katsuyama in the Mino Terrane of central Japan: implications for depositional environment, diagenetic metal redistribution and paleoceanography. *Resource Geology*, **55**, 321-336. (with Wakita, K.**)
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- Kurosawa, M. (2005): Hydrogen analysis for geoscience by nuclear microprobe. In *Recent Achievements and Perspectives in Nuclear Physics*, 429-437, World Scientific, New Jersey, U.S.A. (with Komatsubara, T.°, Sasa, K.*, Ishi, S.*, Yamato, Y.*, Miyake, K.* and Satou, K.*)
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- Maruoka, T. (2005): Sulfur and carbon isotope study for environmental perturbations at the mass-extinction events. *Chikyu Kagaku*, **39**, 73-88. (JE)
- (2005): Primordial noble gases in a graphite-metal inclusion from the Canyon Diablo IAB iron meteorite and their implications. *Meteorit Planet Sci.*, **40**, 431-443. (with Matsuda, J.°**, Namba, M.**, Matsumoto, T.**, and Kurat, K.**)
- Motoyama, I. (2005): Distribution of radiolarians in North Pacific surface sediments along the 175° E meridian. *Paleont. Res.*, **9** (2), 95-117. (with Nishimura, A.**)
- (2005): Seasonal changes in fluxes and assemblages of radiolarians collected by sediment trap experiments in the northwestern Pacific: a family-level analysis. *J. Geol. Soc., Japan*, **111** (7), 404-416. (JE, with Ota, M.***, Kokushou, T.** and Tanaka, Y.**)
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- (2005): Radiolarian faunal turnover across the Oligocene/Miocene boundary in the equatorial Pacific Ocean. *Marine Micropaleont.*, **57**, 74-96. (with Kamikuri, S.°**, Nishi, H.**, Moore, T.C.** and Nigrini, C**)
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- (2005): The occurrence of the fossil mytilid bivalve *Mytilus tichanovitchi* Makiyama from the Miocene Shimonita Formation, Gunma Prefecture, central Japan: Re-examination of its biostratigraphic and marine paleoclimatic significance. *Jour. Geol. Soc. Japan*, **111** (8), 498-507. (JE, with Kurihara, Y.°**, and Nakano, T.**)
- (2005): Tertiary geology and chronostratigraphy of the Joban area and its environs, northeastern Japan. *Bull. Geol. Surv. Japan*, **56** (11/12), 375-409. (JE, with Suto, I°** and Yanagisawa, Y.**)
- (2006): Cenozoic bivalve cenozones of California, northeastern Pacific. *Sci. Rep., Ins. Geosci., Univ. Tsukuba, sec. B.*, **27**, 1-12. (with Kafanov, A.°**)
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- Ogawa, Y. (2005): Large and small structural characteristics in shallow burial accretionary prism on land: Rapidly uplifted Neogene accreted sediments in the Miura-Boso Peninsula. *Tectonics*, **24**, doi:10.1029/2005TC001823. (with Yamamoto, Y.°** and Mukoyoshi, H.**)
- (2005): Transpressional tectonics of the Mineoka Ophiolite Belt in a trench-trench-trench-type triple junction, Boso peninsula, Japan. *The Island Arc*, **14**, 571-581. (with Mori, R.°**)
- (2005): Large and small structural characteristics in shallow burial accretionary prism on land: Rapidly uplifted Neogene accreted sediments in the Miura-Boso Peninsula. *Tectonics*, **24**, TC5008, doi: 10.1029/2005TC001823, 2005. (with Yamamoto, Y.°**, Mukoyoshi, H.**)
- (2005): Lower Cretaceous radiolarian bedded chert from the Mineoka Belt, Boso Peninsula, Japan. *Journal of Geological Society of Japan*, **111**, 624-627. (with Sashida, K.)
- (2006): Discussion: Control of internal structure and fluid-migration pathways within the Barbados Ridge decollement zone by strike-slip faulting: Evidence from coherence and three-dimensional seismic amplitude imaging. *G. S. A.*

- Bull.*, **118**, no. 1/2, p. 253-254, 2006. (with Vrolijk, P.**)
- (2006): Data report: Silica mineral crystallization with textural change of Cretaceous siliceous/calcareous pelagic sedimentary rocks recovered from the northwest Pacific, ODP Leg 185. In Ludden, J.N., Plank, T., and Escutia, C. (Eds.). *Proc. ODP, Sci. results*, **185** [Online]. Available from World Wide Web: <http://www-odp.tamu.edu/publications/185_SR/004/004.htm>. [Cited YYYY-MM-DD] (with Tanaka, C**)
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