

Professor Ryuichi Shinjo



- Faculty: Faculty of Science Department of Physics and Earth Sciences Position:
- Address: 1 Senbaru, Nishihara, Okinawa

Research Field

- Science of Rocks/Minerals/Ore Deposits
- Keywords: Igneous Petrology , Mineralogy , Geology

Current Subject

- Boron isotopic study on coral for seawater paleo-pH reconstruction , 2009 -
- Evolution and geochemistry of the West Philippine Basin , 2003 -
- Petrology of large caldera in south Kyushu , 1997 -
- Tectonics and magmatism of the Okinawa Trough , 1992 –

Academic Societies

- The Geochemical Society of Japan
- Japanese Coral Reef Society
- Japan Association of Mineralogical Sciences
- American Geophysical Union
- The Volcanological Society of Japan

Academic Background

Degree

- Doctor of Science , Tohoku University

Research Career

1. 2007 - , University of the Ryukyus, Faculty of Science, Department of Physics and Earth Sciences, Geology-Marine Geology, Professor

Articles

- The tectonic stress field and deformation pattern of northeast India, the Bengal basin and the Indo-Burma Ranges: A numerical approach , Journal of Asian Earth Sciences , 40:121-131 2011

Author: Islam, M.S., Shinjo, R. and Kayal, J.R.

- Barite geochemistry from hydrothermal chimneys of the Okinawa Trough: insight into chimney formation and fluid/sediment interaction , Journal of Mineralogical and Petrological Sciences , 106:26-35 2011
Author: Noguchi, T., Shinjo, R., Ito, M., Takada, J. and Oomori, T.
- New supplemental activator for lead isotope analysis with TIMS , Geochemical Journal , 2011
Author: Nohda, S., Wang, B.-S., You, C.-F. and Shinjo, R.
- Geochemistry and geochronology of the mafic lavas from the southeastern Ethiopian rift (the East African Rift System): Assessment of models on magma sources, plume-lithosphere interaction and plume evolution , Contributions to Mineralogy and Petrology , 2011
Author: Shinjo, R., Chekol, T., Meshesha, D., Itaya, T. and Tatsumi, Y.
- Extracellular Matrix Protein in Calcified Endoskeleton: A Potential Additive for Crystal Growth and Design , Journal of Crystal Growth , 2011
Author: Rahman, M.A., Fujimura, H., Shinjo, R. and Oomori, T.
- Pop-up tectonics of the Shillong Plateau in northeastern India: Insight from numerical simulations , Gondwana Research , 2011
Author: Islam, M.S., Shinjo, R., Kayal, J.R.
- Hafnium isotope variations in Bure volcanic rocks from the northwestern Ethiopian volcanic province: a new insight for mantle source diversity , Journal of Mineralogical and Petrological Sciences , 105:101-111 2010
Author: Meshesha, D. and Shinjo, R.
- Neotectonic stress field and deformation pattern within the Zagros and its adjoining area: An approach from finite element modeling , Journal of Geology and Mining Research , 2:170-182 2010
Author: Islam, M.S. and Shinjo, R.
- Submarine active normal faults completely crossing the southwest Ryukyu Arc , Tectonophysics , 466:289-299 2009
Author: Matsumoto, T., Shinjo, R., Nakamura, M., Kimura, M. and Ono, T.

- Submarine, across-arc normal fault system in the southwest Ryukyu arc triggered the 1771 tsunami hazard?: field evidences from multibeam survey and in-situ observation by ROV
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 Author:Matsumoto, T., Shinjo, R., Nakamura, M., Doi, A., Kimura, M., Ono, T. and Kubo, A.
- Numerical simulation of stress distributions and displacements around an entry roadway with igneous intrusion and potential sources of seam gas emission of the Barapukuria coal mine, NW Bangladesh
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 Author:Islam, M.R. and Shinjo, R.
- Mining-induced fault reactivation associated with the main Conveyor Belt Roadway and safety of the Barapukuria Coal Mine in Bangladesh: constraints from BEM simulations
 , International Journal of Coal Geology , 79:115-130 2009
 Author:Islam, M.R. and Shinjo, R.
- 那覇市の河川及び沿岸堆積物の起源と人為的影響
 , 日本サンゴ礁学会誌 , 10:1-21 2008
 Author:与那覇寛, 藤田和彦, 新城竜一
- Origin of sapphirine-bearing garnet-orthopyroxene granulites: possible hydrothermally altered ocean floor
 , Polar Science , 2:87-107 2008
 Author:Baba, S., Shinjo, R. and Windley, B.F.
- Was there Jurassic paleo-Pacific subduction in South China?: Constraints from $^{40}\text{Ar}/^{39}\text{Ar}$ dating, elemental and Sr-Nd-Pb isotopic geochemistry of the Mesozoic basalts
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 Author:Chen, C.H., Lee, C.Y. and Shinjo, R.
- Propagators and ridge jumps in a back-arc basin, the West Philippine Basin
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 Author:Deschamps, A., Shinjo, R., Matsumoto, T., Lee, C.-S., Lallemand, S.E., Wu, S. and Scientific party of KR03-04 and KR04-14 cruises

- Rethinking geochemical feature of the Afar and Kenya mantle plumes and geodynamic implications
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 Author:Meshesha, D. and Shinjo, R.
- Data report: Pb isotope compositions of sediment from the eastern flank of Juan de Fuca Ridge
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 Author:Noguchi, T., Shinjo, R. and Oomori, T.
- Crustal contamination and diversity of magma sources in the northwestern Ethiopian volcanic province
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 Author:Meshesha, D. and Shinjo, R.
- Determination of uranium in pore water from coastal sediment by standard addition ICP-MS analysis
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 Author:Armid, A., Ohde, S., Shinjo, R. and Toki, T.
- Chemical impact of the acidic red soil on seawater
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 Author:Kombo, M.M., Bakari, S.S., Shinjo, R. and Tokuyama, A.
- Petrology of Aoso volcano, northeast Japan arc: temporal variation of the magma feeding system and nature of low-K amphibole andesite in the Aoso-Osore volcanic zone.
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 Author:Toya, N., Ban, M. and Shinjo, R.
- Geochemical constraints for the genesis of post-collisional magmatism and the geodynamic evolution of the northern Taiwan region.
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 Author:Wang, K.-L., Chung, S.-L., O'Reilly, S.Y., Sun, S.-S., Shinjo, R. and Chen, C.-H.
- 琉球列島四万十帯中の現地性緑色岩の産状と化学組成.
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 Author:知念正昭, 新城竜一, 加藤祐三

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 Author:Kamenetsky, V.S., Davidson, P., Mernagh, T.P., Crawford, A.J., Gemmell, J.B., Portnyangin, M.V. and Shinjo, R.
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 Author:Xu, J.-F., Shinjo, R., Defant, M.J., Wang, Q. and Rapp, R.P.
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 Author:北川宙, 新城竜一
- Chemical characteristics of newly discovered black-smoker fluids and associated hydrothermal plumes at the Rodriguez Triple Junction, Central Indian Ridge.
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 Author:Gamo et al.
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 Author:Chung, S.-L., Wang, S.-L., Shinjo, R., Lee, C.-S. and Chen, C.-H.
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 Author:Shinjo. R., Kato. Y.
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Author:Wang. K.-L, Chung, S.-L., Chen, C.-H., Shinjo, R., Yang, T.F. and Chen, C.-H.
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Author:新城竜一, 伴 雅雄, 斎藤和男, 加藤祐三
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Author:新城竜一, 長谷中利昭, 藤巻宏和
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Author:新城竜一, 加藤祐三