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Professional background and Research Interests:  
Specialization: Geochemistry, petrology, electron and X-ray beam Analyses  
Research Interests: Petrology, mineralogy, geochemistry, scientific studies of cultural properties

### [ Education ]

- 1996 : Ph.D. PML, Inst. Study of Earth's Interior, Okayama University at Misasa (Japan)
- 1991 : M.S. Dept. Earth Sciences, Toyama University (Japan)
- 1989 : B.S. Dept. Earth Sciences, Toyama University (Japan)

### [ Employment ]

- 2016-present : Senior Research Scientist, Institute of Earth Sciences, Academia Sinica
- 2009-2016 : Associate Research Scientist, Institute of Earth Sciences, Academia Sinica
- 2004-2009 : Assistant Research Scientist, Institute of Earth Sciences, Academia Sinica
- 2000-2004 : Research Specialist (Electron probe Lab manager), Institute of Earth Sciences, Academia Sinica
- 1998-2000: Postdoctoral Fellow, Institute of Earth Sciences, Academia Sinica
- 1996-1998: Postdoctoral Fellow, Geophysical Laboratory, Carnegie Institution of Washington (USA)

### [ Publications ]

#### 2020

Andrea María Sandoval Molina, Yoshiyuki Iizuka, Shintaro Suzuki (2020) Preclassic Mesoamerican dental inlays: Study of the raw material by SEM-EDS, *Science and Technology of Archaeological Research*. <https://doi.org/10.1080/20548923.2019.1700451>

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## 2019

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Hwang Shyh-Lung, Shen Pouyan, Chu Hao-Tsu, Yui Tzen-Fu, Iizuka Yoshiyuki, Schertl Hans-Peter (2019) Rutile inclusions in garnet from a dissolution-reprecipitation mechanism, *Journal of Metamorphic Geology*, 37(8) 1079-1098.

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Sand Christophe, Beck Russell, Iizuka Yoshiyuki, Adams Christophe (2017) Le « cycle de jade » kanak. Réévaluation archéologique d’un réseau d’échanges traditionnels (Mélanésie du Sud), *Journal de la société des océanistes*, (144-145), 269-298.

飯塚義之 (2017) ハンドヘルド蛍光 X 線分析装置を用いた石器石材分析の試み, 富山市の遺跡物語, 18, 36-39.

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Nguyễn Kim Dung, HC Hung, Y Iizuka (2016) Ứng Dụng Phương Pháp Phân Tích Khoa Học Tự Nhiên Electron Probe Micro Analysis Trong Nghiên Cứu Đồ Trang Sức Thương Mại Văn Hóa Sa Huỳnh (Electron Probe Micro Analysis in Studing Sa Huynh Trading

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- Ivanov AV, EI Demonterova, LZ Reznitskii, IG Barash, SG Arzhannikov, AV Arzhannikova, CH Hung, SL Chung, Y Iizuka (2016) Catastrophic outburst and tsunami flooding of Lake Baikal: U-Pb detrital zircon provenance study of the Palaeo-Manzurka megaflood sediments, *International Geology Review* 58:1818-1830, DOI: 10.1080/00206814.2015.1064329
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## 2015

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- Wang KL, V Prikhodko, SY O'Reilly, WL Griffin, NJ Pearson, V Kovach, Y Iizuka, YH Chien (2015) Ancient mantle lithosphere beneath the Khanka massif in the Russian Far East: in situ Re.Os evidence. *Terra Nova*, 27, 277-284 doi: 10.1111/ter.12157
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- Uchida J, Iizuka Y (2015) Metallurgical investigation of an interior of Dong Son Bronze Drum and its implication for casting technology. *FUSUS (Journal of the Society for the History of Asian Casting Technology)* 7:49-60 (In Japanese with English abstract)
- Lin YJ, BM Jessop, OL.F Weyl, Y Iizuka, SH Lin, WN Tzeng (2015) Migratory history of African longfinned eel *Anguilla mossambica* from Maningory River, Madagascar: discovery of a unique pattern in otolith Sr:Ca ratios *Environ Biol Fish* 98:457-468. DOI 10.1007/s10641-014-0275-2.

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