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## Full length article

The most continent-sided occurrence of the Phanerozoic subduction-related orogens in SW Japan: zircon U-Pb dating of the Mizoguchi gneiss on the western foothill of Mt. Daisen volcano in Tottori

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**The most continent-sided occurrence of the Phanerozoic subduction-related  
orogens in SW Japan: zircon U-Pb dating of the Mizoguchi gneiss on the western  
foothill of Mt. Daisen volcano in Tottori**

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**Abstract**

Understanding the pre-Cenozoic geotectonic framework along the Japan Sea coast in southwest Japan is critical in clarifying the relationship between oceanic subduction-related and collision-related geotectonic belts along the continental margin of East Asia. Although a thick Neogene-Quaternary volcanic-sedimentary cover often conceals the pre-Cenozoic units, the Western Honshu is one of the pivotal regions

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