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# Lithos

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### ***Element recycling from subducting slabs to arc crust: A review***

Review Article

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Carl Spandler, Cassian Pirard

Research Papers

### ***Crustal recycling processes in generating the early Cretaceous Fangcheng basalts, North China Craton: New constraints from mineral chemistry, oxygen isotopes of olivine and whole-rock geochemistry***

Original Research Article

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### ***New age constraints for the geodynamic evolution of the Sistan Suture Zone, eastern Iran***

Original Research Article

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Michael Bröcker, Gholamreza Fotoohi Rad, Ray Burgess, Stephanie Theunissen, Ilya Paderin, Nikolay Rodionov, Zohre Salimi

### ***U–Pb dates and trace-element geochemistry of zircon from migmatite, Western Gneiss Region, Norway: Significance for history of partial melting in continental subduction***

Original Research Article

Pages 35-53

Stacia M. Gordon, Donna L. Whitney, Christian Teyssier, Haakon Fossen

### **Highlights**

► U–Pb results reveal melt crystallization and UHP metamorphism overlap in time. ► Partial melting affected the rheology of the system. ► Deep crustal melting may be the trigger in exhuming these rocks to the surface.

### ***Constraints on the Devonian–Carboniferous closure of the Rheic Ocean from a multi-method geochronology study of the Staré Město Belt in the Sudetes (Poland and the Czech Republic)***

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### ***Magma source and tectonics of the Xiangshanzhong mafic–ultramafic***

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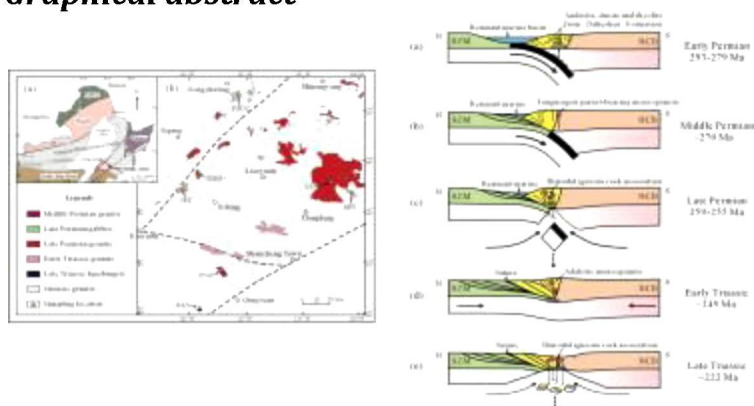
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