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Geochemistry, petrology and geodynamic setting of the Urumieh plutonic complex, Sanandaj–Sirjan zone, NW Iran: New implication for Arabian and Central Iranian plate collision



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Research Highlights:

- The Urumieh plutonic complex is divided into I, S and A types intrusions.
- The rocks generated from different source rocks.
- All plutonic rocks from the Sanandaj-Sirjan Zone are related to oblique subduction of Neotethys beneath the Central Iran.
- The collision between Arabian margin and Iranian plate has been different from north to south.

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