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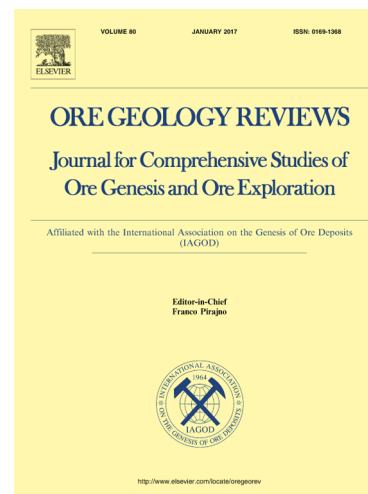
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## Episodic gold mineralisation correlated with discrete structural events at Ballarat East, southeast Australia.

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### Highlights:

- A chronology of structurally related gold mineralisation supported by new  $^{40}\text{Ar}/^{39}\text{Ar}$  data
- Vein sericite ages fall into 3 age groups of 445 – 435, 420 – 415 and 380 – 370 Ma
- Gold mineralisation at Ballarat East was introduced during E-W compression

**KEY WORDS:** geochronology;  $^{40}\text{Ar}/^{39}\text{Ar}$ ; gold mineralisation; Lachlan Orogen; central Victoria; orogeny.

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