

## Accepted Manuscript

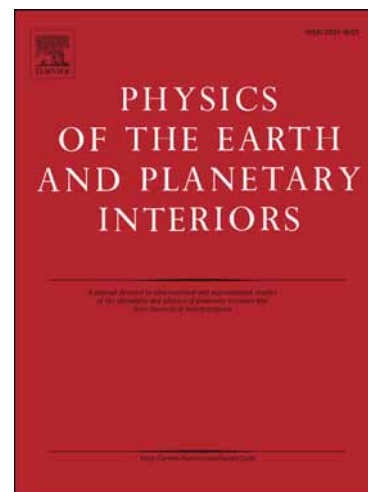
Calibrating one-dimensional velocity model for downhole microseismic monitoring using station-pair differential arrival times based on the differential evolution method

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**Calibrating one-dimensional velocity model for downhole microseismic  
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evolution method**

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