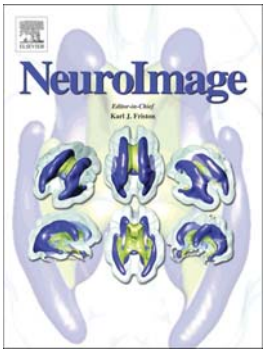

Movement-related phase locking in the delta–theta frequency band

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Movement-related phase-locking in the delta-theta frequency band

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Highlights

We found phase locking in the delta-theta frequency band in motor areas prior to movement execution.

Phase locking occurred irrespective of how the action was initiated.

Our results suggest that phase locking constitutes a prerequisite to trigger movement execution.

Keywords

finger tapping, movement initiation, voluntary motor action, externally triggered motor action

Abbreviated title:

Phase locking as a movement-related indicator

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