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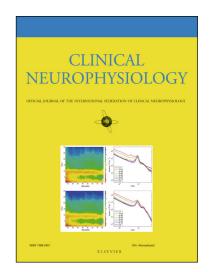
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ACCEPTED MANUSCRIPT

Loss of fractal gait harmony in Parkinson's disease

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Highlights

- The ratio between stance and swing coincides to the golden ratio in healthy subjects.
- Golden gait ratio confers a fractal harmonic structure to physiological walking that is lost in patients with Parkinson's Disease.
- This loss is significantly correlated with motor severity, more than other gait indices, and it is only partially influenced by L-dopa assumption.

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