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Spin dynamics of random Ising chain in coexisting transverse and longitudinal magnetic fields

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Research highlights

1. We study spin dynamics of random Ising chain in coexisting transverse and longitudinal magnetic fields.
2. Applied coexisting magnetic fields may drive system to undergo new dynamical crossovers.
3. Quantum random Ising chain in coexisting magnetic fields may exhibit under-damping and critical-damping characteristics simultaneously.

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