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Research Article

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## Negative entropy production in L-lactate dehydrogenase kinetics

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Fröhlich theory of coherent excitations in biological systems is analyzed. L-lactate dehydrogenase kinetics is studied using the activation process model for non-equilibrium cases. The model explains the process of energy accumulation necessary for carrying out catalytic reactions in a living cell by means of interaction of quantum subsystems with thermal equilibrium ...

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