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MWSN, is proposed. In this approach, it can be verified that the node communicates based on the route request and reply messages sent within the communication network. The article's objective is to distinguish the selfish node in

WSNs. This approach elects the forwarder node based on the highest energy level and node communication ratio (RNC). The BS is noticing the behaviour of every communication in the MWSN. The simulation illustrates that it

enhances delivery and drop rates and improves energy efficiency during data transmission.

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