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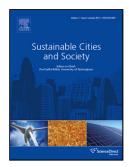
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- An energy oriented path selection strategy is proposed focusing on shortest path and less number of links (SPLL) as major energy consumption parameters.
- The location of message sender, and number of processor in specific sensor are utilized for developing a longer hops (LH) message scheduling approach towards reducing energy consumption in selected path.
- A system model is presented based on M/M/1 queuing analysis to showcase the effective cooperation between SPLL and LH towards energy efficiency.
- Simulation oriented comparative performance evaluation is carried out towards assessing the energy efficiency of the proposed framework as compared to the state-of-the-art techniques considering number of energy oriented metrics.

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