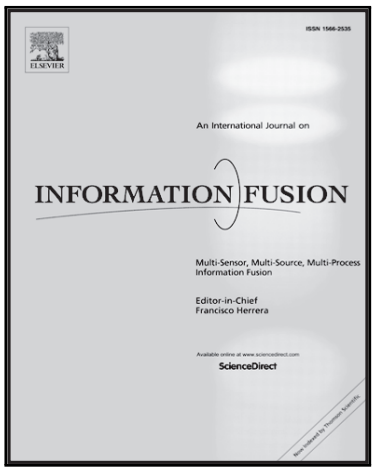

Bio-Inspired Smog Sensing Model for Wireless Sensor Networks based on Intracellular Signalling

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Highlights

- The analogy between wireless sensor network and biological intracellular signalling has been presented.
- The smog sensing model for a city has been designed with mimicking of biological intracellular signalling
- The performance metrics of AODV, Bellman-Ford and IERP routing protocols have been broadly elaborated through the proposed model.
- The proposed model is economic, energy efficient and provides more reliable information.