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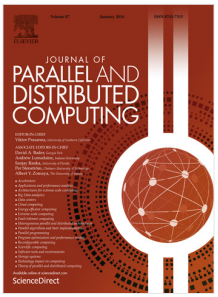


Internet of agents framework for connected vehicles: A case study on distributed traffic control system

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***Highlights (for review)**

## Highlights

- Internet of Agents (IoA), the concept is conducted by the communication and collaboration among connected agents, is proposed in this paper that can be applied for various systems in connected environments.
- We introduce a novel framework for traffic control without traffic signal systems that do not need for self-driving cars, a scenario that will not be here for a few more years.
- Regarding the case study of traffic control at intersection, we propose a distributed traffic control system of IoA without any centralized faculties. In this case, the proposed approach is able to deal with the scalable and flexible problem of different types of intersections (e.g., junctions, crossroads, roundabouts).

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