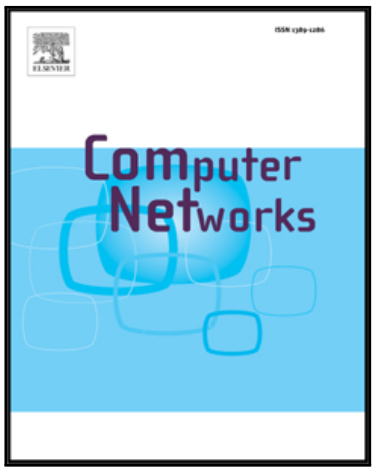

SVPS: Cloud-Based Smart Vehicle Parking System Over Ubiquitous VANETs

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Highlights

- Presents cloud-based Smart Vehicle Parking System (SVPS) applying VANETs.
- Novel algorithm that provides an appropriate vacant parking space allocation.
- Parking Side Units (PSUs) are assigned along every parking facility for coordinated management.
- Extensive simulation tests for performance evaluation and best utilization of the existing parking infrastructure.