

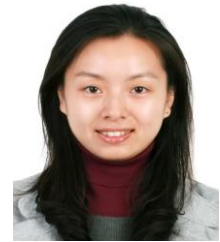
# Assistant Professor Pan, Yuan Yuan

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## Academic Qualification:

**Ph.D. in Computer Technology and Application, Macau University of Science and Technology**

**Master in Computer Application and Technology, Wuhan University of Technology**

**Bachelor in Computer Application and Technology, Wuhan University**

## Teaching Area

Undergraduate Courses:

\* Database Systems

\* Information Technology

## Research Area

Wireless Networks, Vehicular ad hoc networks, Privacy and security

## Working Experience

Jan. 2021 to present: Assistant Professor, Macau University of Science and Technology

June 2006 to Feb. 2019: Lecturer, Hubei University of Technology, China

## Research Grants

Oct. 2012 - Jun. 2013, "Research and development of digital home interactive service"

Mar. 2010 - Sep. 2012, " Research on Vehicular Ad hoc NETWORKS", supported by the Science and Technology Development Fund of Macau SAR.

## Representative publications

1. Y. Pan, Y. Shi. A Grey Neural Network Model Optimized by Fruit Fly Optimization Algorithm for Short-term Traffic Forecasting. *Engineering Letters*, vol. 25, no. 2, pp. 198-204, 2017.
2. Y. Pan, Y. Shi, J. Li. A Novel and Practical Pseudonym Change Scheme in VANETs. In *Proc. IMIS 2017*.
3. Y. Pan, Y. Shi. Short-term Traffic Forecasting Based on Grey Neural Network with Particle Swarm Optimization. In *Proc. WCECS 2016*.
4. Y. Pan, J. Li, L. Feng, B. Xu. An Analytical Model for Random Pseudonym Change Scheme in VANETs. *Cluster Computing*, vol. 17, no. 2, pp. 413-421, 2014
5. Y. Pan, J. Li. Cooperative Pseudonym Change Scheme Based on the Number of Neighbors in VANETs. *Journal of Network and Computer Applications*, vol. 36, no. 6, pp. 1599-1609, 2013
6. B. Xu, J. Li, Y. Pan, Y. Li, X. Dong. Temperature-insensitive fiber cantilever vibration sensor based on a fiber-to-fiber structure. *Chinese Optics Letters*, vol. 12, no. 2, pp. 1-5, 2014.
7. Y. Pan, J. Li. AN ANALYSIS OF ANONYMITY FOR COOPERATIVE PSEUDONYM CHANGE SCHEME IN ONE-DIMENSIONAL VANETs. In *Proc. the 16th International Conference on Computer Supported Cooperative Work in Design (CSCWD) 2012*
8. Y. Pan, J. Li, L. Feng, B. Xu. An Analytical Model for Random Pseudonym Change Scheme in VANETs. In *Proc. NCIS 2011*.

## Professional Certification and Awards

Third Class Prize for Technology Invention of Macau, 2018

Science and Technology Research and Development Award for Macau Graduates, 2014