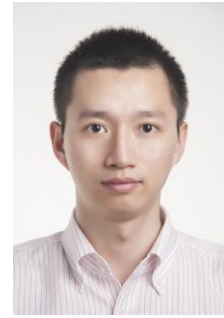


PERSONAL:

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**BRIEF INTRODUCTION:**

My research is concentrated on the Hopf algebras and quantum groups. My work has been published in scientific journals such as *Algebras and Representation Theory*, *Communications in Algebra*, *Journal of Algebra and Its Applications* and others.

EDUCATION:

09/2015 - 09/2016, Kansas State University, Visiting scholar.

09/2006 - 06/2011, Southeast University, Master and PhD in Mathematics.

Thesis Title: Lifting Theory of Multiplier Hopf Algebras (109 pages in Chinese).

Tutor: Prof. Shuanhong Wang.

09/2002 - 06/2006, Nanjing University of Information Science & Technology, Bachelor.

Work Experience:

01/2014 - now, associate Professor in Nanjing Agricultural University

11/2011 - 12/2013, lecturer in Nanjing Agricultural University

PROJECTS UNDERTAKEN:

Project Host of

1. Tian Yuan Special Foundation of National Natural Science Foundation of China.

Name: Research on Yetter-Drinfel'd module categories and Galois Theory for algebraic quantum groups (Grant No. 11226070).

2. National Natural Science Foundation for Young Scholars of China.

Name: Research on analytic structures and relevant quantum invariants for algebraic quantum groupoids (Grant No. 11601231).

TEACHING INFORMATION:

Calculus (fall)

Linear Algebra (spring)

Probability (spring)

Matrix Analysis (fall, Graduate Courses)

PUBLICATIONS:

1. Yang T., Wang S. H. (2009). π -quasitriangular group-cograded multiplier Hopf algebras. *Journal of Southeast University (English Edition)*, 25(4): 552-556.
2. Yang T., Wang S. H. (2010). Galois objects for group-cograded algebraic quantum groups. *Journal of Nanjing University Mathematical Biquarterly*, 27(2): 174-184.
3. Yang, T., Wang, S. H. (2011). Constructing new braided \mathcal{T} -categories over regular multiplier Hopf algebras. *Communications in Algebra*, 39(9): 3073-3089.
4. Yang, T., Wang, S. H. (2011). A lot of quasitriangular group-cograded multiplier Hopf algebras. *Algebras and Representation Theory*, 14(5): 959-976.
5. Yang, T., Zhou X., Ma T. S. (2013). On braided \mathcal{T} -categories over multiplier Hopf algebras. *Communications in Algebra*, 41(8): 2852-2868.
6. Ma T. S., Li H. Y. and Yang T. (2014). Cobraided Smash Product Hom-Hopf Algebras. *Colloquium Mathematicum* 134 (2014), 75-92.
7. Yang, T. (2017). Another construction of the braided \mathcal{T} -category. *Journal of Algebra and Its Applications*. Vol. 16, No. 1, 1750035 (15 pages).
8. Zhou X., Yang T. (2015). Spectral sequence and finitely presented dimension for weak Hopf-Galois Extensions. *Mathematical Notes*, 98(5): 820-830.
9. Yang T., Zhou X. Another construction of the braided \mathcal{T} -category. *Journal of Algebra and Its Applications*. DOI: 10.1142/S0219498817500359.
10. Yang, T., Zhou X., Chen J. Heisenberg double as braided commutative Yetter–Drinfel'd module algebra over Drinfel'd double in multiplier Hopf algebra case. *Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg*. DOI: 10.1007/s12188-016-0125-6.