

(5) **Yuanyuan Chen**, Zhongwei Wang, Liangyun Zhang, *The fundamental theorem and Maschke's theorem in the category of relative Hom-Hopf modules*, Colloq. Math., 2016, 144(1), 55-71.

(6) **Yuanyuan Chen** and L.Y. Zhang, *Hom- o -operators and Hom-Yang-Baxter equations*, Advances in Mathematical Physics, 2015(2015).

(7) **Yuanyuan Chen**, Gabriella Böhm, *Weak bimonoids in duoidal categories*, Journal of Pure and Applied Algebra, 2014, 218(12): 2240-2273.

(8) **YuanYuan. Chen**, L.Y. Zhang, *The category of Yetter-Drinfel'd Hom-modules and the quantum Hom-Yang-Baxter equation*, J. Math. Phys., 2014, 55(3): 031720.

(9) **Yuanyuan Chen**, Xiaoyan Zhou, *Separable and Frobenius monoidal Hom-algebras*, Colloq. Math., 2014, 137(2), 229-251.

(10) **Yuanyuan Chen**, Zhongwei Wang, Liangyun Zhang, *Quasitriangular Hom-Hopf algebras*, Colloq. Math., 2014, 137(1), 67-88.

(11) Gabriella Böhm, **Yuanyuan Chen**, Liangyun zhang, *On Hopf monoid in Duoidal categories*, J. Algebra, 2013, 394(15):139-172.

(12) **Yuanyuan Chen**, Zhongwei Wang, Liangyun Zhang, *The FRT-type theorem for the Hom-Long equation*, Comm. Algebra, 2013, 41(10): 3931-3948.

(13) **Yuanyuan Chen**, Zhongwei Wang, Liangyun Zhang, *Integrals for monoidal Hom-Hopf algebras and their applications*, J. Math. Phys., 2013, 54(7): 073515.

(14) **Yuanyuan Chen**, Zhongwei Wang, Liangyun Zhang, *Quasi-triangular Hom-Lie bialgebra*, J. Lie Theory, 2012, 22(4): 1075-1089.

(15) **Yuanyuan Chen**, Yong Wang, Liangyun Zhang. *The construction of Hom-Lie bialgebras*, **J. Lie Theory**, 2010, 20(4): 767-783.