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	南京农业大学科研基金启动项目
	<p>主要论文:</p> <ol style="list-style-type: none"> 1. Zhang X., Yang J., Lin T., Ying Y., Agro-product quality evaluation based on spectroscopy and deep learning: A review. <i>Trends in Food Science and Technology</i>, 2021. DOI: 10.1016/j.tifs.2021.04.008, 112(2021). (IF₅=11.392) 2. Huang E.[‡], Zhang X.[‡], Rodríguez, L. F., Khanna, M., de Jong, S., Ting, K. C., Ying, Y., Lin, T., Multi-objective optimization for sustainable renewable jet fuel production: A case study of corn stover based supply chain system in Midwestern U.S. <i>Renewable and Sustainable Energy Reviews</i>, 2019. DOI: 10.1016/j.rser.2019.109403. ([‡] , IF₅ = 12.348) 3. Zhang, X.[‡], Lin, T.[‡], Xu J., Luo X., Ying Y., DeepSpectra: An end-to-end deep learning approach for quantitative spectral analysis. <i>Analytica Chimica Acta</i>, 2019. DOI: 10.1016/j.aca.2019.01.002. ([‡] , IF₅ = 5.577) 4. Zhang X.[‡], Xu J.[‡], Yang, J., Chen, L., Zhou, H., Liu, X., Li, H., Lin T., Ying Y., Understanding the learning mechanism of convolutional neural networks in spectral. <i>Analytica Chimica Acta</i>, 2020. DOI: 10.1016/j.aca.2020.03.055. ([‡] , IF₅ = 5.577) 5. Zhang X., Xu J., Lin T., Ying Y., Convolutional neural network based classification analysis for near infrared spectroscopic sensing. 2018 ASABE Annual International Conference. American Society of Agricultural and Biological Engineers, 2018: 1. DOI: 10.13031/aim.201800346. (EI)
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Social appointments	--		
Research projects	Nanjing Agricultural University start-up		

Selected papers:

1. **Zhang X.**, Yang J., Lin T., Ying Y., Agro-product quality evaluation based on spectroscopy and deep learning: A review. *Trends in Food Science and Technology*, 2021. DOI: 10.1016/j.tifs.2021.04.008, 112(2021). (IF₅= **11.392**)
2. Huang E.[‡], **Zhang X.**[‡], Rodríguez, L. F., Khanna, M., de Jong, S., Ting, K. C., Ying, Y., Lin, T., Multi-objective optimization for sustainable renewable jet fuel production: A case study of corn sto2 (t)TJ2 (02 ()0.5 (co)12.9bJ2 (02ased)0.6 (o)12.8 su (y)12

Academic achievements