


张晓蕾

姓名	张晓蕾	性别	女	
职称	副教授	系别	农业工程系	
学位	工学博士	电话	--	
E-mail	xlzhang@njau.edu.cn			
单位地址	南京市浦口区点将台路 40 号	邮编	210031	
研究领域	农产品品质智能化检测，作物信息智能感知			
社会兼职	--			
承担项目	南京农业大学科研基金启动项目			
学术成果	<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. (‡共同一作, 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. (‡共同一作, 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. (‡共同一作, 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) 			
奖励荣誉	--			

Name	Xiaolei Zhang	Gender	Female	
Title	Associate Professor	Department	Department of Agricultural Engineering	
Degree	Ph.D.	Telephone	--	
E-mail	xlzhang@njau.edu.cn			
Address	40 Dianjiangtai Rd., Pukou District, Nanjing City, Jiangsu Province, China		Post code	210031
Research fields	Quality evaluation of agricultural products; Intelligent sensing of crops.			
Social appointments	--			
Research projects	Nanjing Agricultural University start-up			
Academic achievements	<p>Selected papers:</p> <ol style="list-style-type: none"> 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) 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. (‡Equal contribution, IF₅ = 12.348) 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. (‡Equal contribution, IF₅ = 5.577) 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. (‡Equal contribution, IF₅ = 5.577) 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) 			
Reward & honor	--			