

简 历

个人信息			
姓名	李敬阳	性别	男
职称	研究员		
研究所	中国热带农业科学院热带作物品种资源研究所		
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研究方向			
香蕉种质创新和新品种选育；高通量突变体筛选；香蕉生物质利用。			
学习&工作经历			
<p>一、学习经历：</p> <p>1996.9-2000.6，华南热带农业大学，园艺学，学士；</p> <p>2005.9-2008.6，海南大学，生物化学与分子生物学，硕士；</p> <p>2017.1-2022.6，华中农业大学，作物遗传育种，博士。</p> <p>二、工作经历：</p> <p>2000年7月—2005年8月，华南热带农业大学种苗组培中心，技术员/副主任。</p> <p>2008年7月-2014年12月，中国热带农业科学院海口实验站，助理研究员。</p> <p>2010年8月—2011年4月，美国夏威夷大学，访问学者。</p> <p>2015年1月—2020年12月，中国热带农业科学院海口实验站，副研究员。</p> <p>2021年1月-2023年5月，中国热带农业科学院海口实验站，研究员。</p> <p>2023年6月-，中国热带农业科学院热带作物品种资源研究所，研究员</p> <p>2024年1月-，热带生物育种国家重点实验室，特聘研究员</p>			

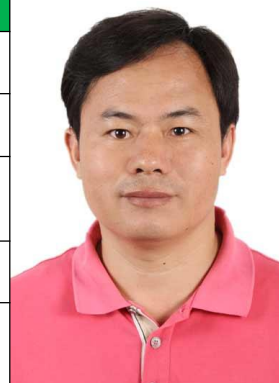
代表性成果

论文、专著、专利、品种、标准、承担项目、获奖成果等（每种代表性成果限 5 项）。

1. Liu, Y., Li, Y., Wang, A., Xu, Z., Li, C., Wang, Z., . . . Li, J. (2024). Enhancing cold resistance in Banana (*Musa* spp.) through EMS-induced mutagenesis, L-Hyp pressure selection: phenotypic alterations, biomass composition, and transcriptomic insights. *BMC Plant Biology*, 24(1), 101.
2. Jing, T., Li, J., He, Y., Shankar, A., Saxena, A., Tiwari, A., . . . Awasthi, M. K. (2024). Role of calcium nutrition in plant Physiology: Advances in research and insights into acidic soil conditions - A comprehensive review. *Plant Physiology and Biochemistry*, 210, 108602.
3. Rauf, A., Wang, A., Li, Y., Lian, Z., Wei, S., Jabbar, K., . . . Li, J. (2024). The male germ unit association is independently regulated of GUM in *Arabidopsis thaliana*. *Plant Direct*, 8(7), e624.
4. Wang, J., Li, Y., Ma, W., Zhang, J., Yang, H., Wu, P., . . . Jin, Z. (2024). Physicochemical changes and in vitro digestibility of three banana starches at different maturity stages. *Food Chemistry: X*, 21.
5. Rauf, A., Lian, Z., Wei, S., Jabbar, K., . . . Li, J. (2024). *DUOI* Activated Zinc Finger (AtDAZ) Protein Role in the Generative Cell Body Morphogenesis, *Plant Molecular Biology*, 183, 159-176.
6. 李敬阳, & 谢江辉. (2023). *香蕉*. 北京: 中国农业出版社.
7. 李敬阳, 王必尊, 谢艺贤, 郭刚, 阮云泽, & 金志强. (2018). *优质香蕉生产*. 中国海南: 海南省电子音像出版社
8. 李敬阳, 李春芬, 王安邦, 李羽佳, 陆月秋. (2024). 中国 Patent No. 第 7193585 号.
9. 李敬阳, 许竹叶, 魏卿, 王安邦, 李羽佳, 王笑一, 许奕. (2021). 中国 Patent No. ZL 2020 1 1366771.4. 国家知识产权局.
10. 王甲水, 李敬阳, 王安邦, 金志强, 唐粉玲, 奕, 许., . . . 卿, 魏. (2022). 中国 品种授权号: CNA20201006106, 中华人民共和国农业农村部.
11. 2021 年, 海南省出版物政府奖, 电子出版物二等奖, 第一完成人。

CURRICULUM VITAE

Personal Information			
Name	JINGYANG LI	Gender	M
Position Title	Prof.		
Institute	Chinese Academy of Tropical Agricultural Sciences (CATAS)		
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Address	Xueyuan Road 4#, Longhua district, Haikou city, Hainan Province 571101, CHINA		
Tel	13976800303	Fax	
Research Interest			
<p>Our research focuses on three main aspects. Firstly, we are dedicated to banana germplasm innovation and new variety breeding to enhance the quality and disease resistance of bananas. Secondly, we conduct high - throughput mutant screening for genetic research. Lastly, we explore the utilization of banana biomass to promote sustainable development in the banana industry.</p>			
Education & Working Experience			
Education			
<ul style="list-style-type: none">• 1996.9 - 2000.6: Bachelor's Degree in Horticulture, South China University of Tropical Agriculture.• 2005.9 - 2008.6: Master's Degree in Biochemistry and Molecular Biology, Hainan University.• 2017.1 - 2022.6: Doctor's Degree in Crop Genetics and Breeding, Huazhong Agricultural University.			
Working Experience			
<ul style="list-style-type: none">• 2000.7 - 2005.8: Technician/Deputy Director, Seedling Tissue Culture Center, South China University of Tropical Agriculture.• 2008.7 - 2014.12: Assistant Researcher, Haikou Experimental Station, Chinese Academy of Tropical Agricultural Sciences.• 2010.8 - 2011.4: Visiting Scholar, University of Hawaii, USA.• 2015.1 - 2020.12: Associate Prof, Haikou Experimental Station, Chinese Academy of Tropical Agricultural Sciences.• 2021.1 - 2023.5: Prof, Haikou Experimental Station, Chinese Academy of Tropical Agricultural Sciences.• 2023.6 - Present: Prof, Tropical Crops Genetic Resources Institute, Chinese Academy of Tropical Agricultural Sciences.• 2024.1 - Present: Distinguished Prof, State Key Laboratory of Tropical Biological Breeding.			



Representative Result

1. Liu, Y., Li, Y., Wang, A., Xu, Z., Li, C., Wang, Z., . . . Li, J. (2024). Enhancing cold resistance in Banana (*Musa* spp.) through EMS-induced mutagenesis, L-Hyp pressure selection: phenotypic alterations, biomass composition, and transcriptomic insights. *BMC Plant Biology*, *24*(1), 101.
2. Jing, T., Li, J., He, Y., Shankar, A., Saxena, A., Tiwari, A., . . . Awasthi, M. K. (2024). Role of calcium nutrition in plant Physiology: Advances in research and insights into acidic soil conditions - A comprehensive review. *Plant Physiology and Biochemistry*, *210*, 108602.
3. Rauf, A., Wang, A., Li, Y., Lian, Z., Wei, S., Jabbar, K., . . . Li, J. (2024). The male germ unit association is independently regulated of GUM in *Arabidopsis thaliana*. *Plant Direct*, *8*(7), e624.
4. Wang, J., Li, Y., Ma, W., Zhang, J., Yang, H., Wu, P., . . . Jin, Z. (2024). Physicochemical changes and in vitro digestibility of three banana starches at different maturity stages. *Food Chemistry: X*, *21*.
5. Rauf, A., Lian, Z., Wei, S., Jabbar, K., . . . Li, J. (2024). *DUO1* Activated Zinc Finger (AtDAZ) Protein Role in the Generative Cell Body Morphogenesis, *Plant Molecular Biology*, *183*, 159-176.