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个人简介：
河南师大生科院学士、硕士，以色列本古里安大学博士，美国俄克拉荷马州立大学博士后及研究助理教授（2008-2015）。在Trends Plant Sci.， Plant J., Nucleic Acids Res., New Phytol., RNA等期刊上发表Sci期刊论文20余篇，其中高被引论文2篇，单篇论文引用次数达339次，216次。同时为Springer出版的五部学术专著撰写5章专题。现主持国家自然科学基金面上基金一项
研究领域：
小RNA与植物的生长发育和胁迫应答 转录后调控机理
主要学术及社会兼职：
中国生物化学与分子生物学学会河南分会理事
主持或参加科研项目情况：
1.MicroRNA介导的转录后调控在冬小麦春化过程中的作用机理研究，国家自然科学基金面上基金。主持，2018-2021。 2.GhACR1调控棉花耐盐的机理研究，国家自然科学基金，参与，2017-2019. 3.Building Oklahoma's leadership in cellulosic bioenergy. 美国国家自然科学基金NSF-EPSCoR. 参与,2008-2013。 4.Improving abiotic stress tolerance by engineering microRNA398 resistant superoxide dismutases in Rice and Tomato. 美国农业部USDA-NRI，参与，2008-2011。 5.Nanocarrier-mediated Targeting of Bioscavengers to the Red Blood Cell for Prolonged circulation，美国国防部 DTRA项目，参与,2013-2017。 6.Role of Arabidopsis RNA binding proteins in stress signaling。Oklahoma Center for Advancement of Science and Technology，参与，2012-2014.
学术成果：
代表性论文： 1. Li YF, Zheng Y, Addo-Quaye C, Zhang L, Saini A, Jagadeeswaran G, Axtell MJ, Zhang W and Sunkar R (2010) Transcriptome-wide identification of microRNA targets in rice. Plant J. 62(5): 742-759 (SCI TOP期刊，高被引论文，引用216次) 2. Zheng Y, Li YF*, Sunkar R & Zhang W (2013). SeqTar: An Effective Method for Identifying MicroRNA Guided Cleavage Sites from Degradome of Polyadenylated Transcripts in Plants. Nucleic Acids Research. 40(4):e28 (SCI TOP期刊.*: 共同第一) 3. Li YF, Wang Y, Kakani G& Mahalingam R (2013). Transcriptome Analysis of Heat Stress Response In Switchgrass (Panicum Virgatum L.) BMC Plant Biol. 2013 Oct 6; 13(1):153. doi: 10.1186/1471-2229-13-153. 4. Li YF, Zheng Y, Jagadeeswaran G & Sunkar R (2013). Characterization of small RNAs and their target genes in wheat seedlings using sequencing-based approaches. Plant Science. 203-204: 17-24. 5. Sunkar R, Li YF, Jagadeeswaran G (2012). Functions of microRNAs in plant stress responses. Trends Plant Sci. 17(4):196-203 (SCI TOP期刊，高被引论文，引用339次)

6. Jagadeeswaran G, Li YF, Sunkar R (2014). Redox signaling mediates the expression of a sulfate-deprivation-inducible microRNA395 in Arabidopsis. Plant J. 2014 Jan;77(1):85-96. doi: 10.1111/tpj.12364 （SCI TOP期刊）

专著章节

Li YF, Mahalingam R, Sunkar R (2017). Isolation of Polysomal RNA for Analyzing Stress-Responsive Genes Regulated at the Translational Level in Plants. Methods Mol Biol. Humana press.1631:151-161. doi: 10.1007/978-1-4939-7136-7_9.

Li Y, Muthuramalingam M, Mahalingam M （2016）, Plant responses to tropospheric ozone., Genetic manipulation in plants for mitigation of climate change, Pawan Kumar Jaiwal, Rana Pratap Singh, Om Parkash, Springer press, pp 1-14.

Li, YF. & Sunkar, R (2013). Global identification of small RNA targets by sequencing sliced ends of messenger RNAs. In Yang Y ed. Rice protocols: Methods in Molecular Biology, Humana press. 956:119-29. doi: 10.1007/978-1-62703-194-3_10.

Muthuramalingam M, Li YF & Mahalingam R (2014), Genomics Based Analyses of Environmental Stresses In Crop. In Gaur R.K & Sharma P Eds. Approaches to Plant Stress and Their Management .383-394. DOI 10.1007/978-81-322-1620-9_22, Springer India.

Sinai A, Li YF & Sunkar R (2012). Role of microRNAs in plant adaptation to environment stress. In Sunkar R ed. MicroRNAs in Plant Development and Stress Responses (Signaling and Communication in Plants). Springer press. pp 219-232