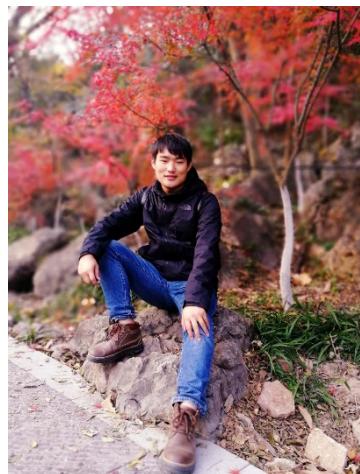


王星，男，汉族，中共党员，1991年4月出生，河北邢台人。2019年毕业于南京农业大学，研究生学历，蔬菜学博士学位。2019年7月至今就职于河北工程大学园林与生态工程学院，现任园艺系副主任，兼任邯郸市蔬菜学会秘书长，河北省辣椒产业技术研究院技术负责人。近年来，在园艺相关领域专业期刊公开发表多篇学术论文，其中以第一作者身份在 *BMC genomics*, *Theoretical & Applied Genetics*, *Gérome*, *Journal of Proteomics* 期刊发表多篇SCI论文。



研究领域

主要研究方向为蔬菜种质创新及遗传育种，设施蔬菜高效栽培。

发表论文

1. Wang X, Li Q, Cheng C, et al. Genome-wide analysis of a putative lipid transfer protein LTP_2 gene family reveals CsLTP_2 genes involved in response of cucumber against root-knot nematode (*Meloidogyne incognita*)[J]. *Genome*, 2020, 63(4): 225-238.
2. Wang X, Cheng C, Li Q, et al. Multi-omics analysis revealed that MAPK signaling and flavonoid metabolic pathway contributed to resistance against *Meloidogyne incognita* in the introgression line cucumber[J]. *Journal of proteomics*, 2020, 220: 103675.
3. Wang X, Cheng C, Zhang K, et al. Comparative transcriptomics reveals suppressed expression of genes related to auxin and the cell cycle contributes to the resistance of cucumber against *Meloidogyne incognita*[J]. *BMC genomics*, 2018, 19(1): 1-14.
4. Cheng C, Wang X, Liu X, et al. Candidate genes underlying the quantitative trait loci for root-knot nematode resistance in a *Cucumis hystrix* introgression line of cucumber based on population sequencing[J]. *Journal of plant research*, 2019, 132(6): 813-823.
5. Zhang K , Wang X , Zhu W , et al. Complete resistance to powdery mildew and partial resistance to downy mildew in a *Cucumis hystrix* introgression line of cucumber were controlled by a co-localized locus[J]. *Theoretical and Applied Genetics*, 2018, 131:2229-2243.
6. Cheng C, Li Q, Wang X, et al. Identification and expression analysis of the *CsMYB* gene family in Root Knot Nematode-resistant and susceptible cucumbers[J]. *Frontiers in genetics*, 2020, 11.
7. Li Z, Bi Y, Wang X, et al. Chromosome identification in *Cucumis anguria* revealed by cross-species single-copy gene FISH[J]. *Genome*, 2018, 61(6): 397-404.

发明专利:

1. 一个与黄瓜-酸黄瓜渐渗系抗白粉病基因共分离的分子标记 SNP6, 发明专利, 2018。

承担科研项目:

1. 黄瓜抗南方根结线虫病候选基因 CsLTP_2 功能验证及分子调控路径研究, 河北省自然基金青年基金, 2021-2023, 主持, 6 万;
2. 艾草全产业链数字化管控平台建设, 河北省科技厅计划项目, 2020-2022, 第二, 100 万;
3. 设施蔬菜产业信息化技术开发, 河北省科技厅计划项目, 2021-2023, 第二, 100 万;
4. 馆陶黄瓜新品种引进及栽培示范, 横向, 2020-2021, 主持, 15 万。

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