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Associate

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- [1]January 2014 to December 2015 college level educational reform project Research on laboratory information management mode.
- [2]January 2018 to December 2018 college level educational reform project Research on teaching material specification of agricultural electrification specialty based on professional certification standard.
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- [7]Real time measurement and control system of three-phase AC power supply based on CAN bus V1.0 2019SR0734929 Nanjing Agricultural University :China 2019-07-19
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- [9]Farmland intelligent bird repellent system V1.0 2019SR0734952 Nanjing Agricultural University :China 2019-07-16
- [10]Intelligent open phase protection system V1.0 2019SR0734938 Nanjing Agricultural University :China 2019-07-16

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- [15]Fire warning system for methane warehouse V1.0 2020SR0791555 Nanjing Agricultural University: China 2020-07-17
- [16]Dust monitoring system of processing workshop V1.0 2020SR0788213 Nanjing Agricultural University :China 2020-07-17
- [17]Monocular vision macro measurement system V1.0 2020SR0788206 Nanjing Agricultural University: China 2020-07-17
- [18]Intelligent acquisition system of single phase AC parameters V1.0 2020SR0788226 Nanjing Agricultural University :China 2020-07-17
- [19]Virtual experiment system of asymmetric short circuit in power system V1.0 2020SR0786671 Nanjing Agricultural University :China 2020-07-17
- [20]High throughput and fast attendance system V1.0 2020SR0788220 Nanjing Agricultural University :China 2020-07-17
- [21]Automobile anti collision warning system V1.0 2020SR0788389 Nanjing Agricultural University :China 2020-07-17
- [22]Intelligent monitoring and early warning system for sprayer V1.0 2020SR0761692 Nanjing Agricultural University :China 2020-07-13
- [23]Intelligent voiceprint lock management system V1.0 2020SR0761670 Nanjing Agricultural University: China 2020-07-13
- [24] Virtual experiment system of three phase short circuit in power system V1.0 2020SR0788199 Nanjing Agricultural University :China 2020-07-17
- [25]Automatic citrus counting system based on machine vision V1.0 2020SR0791576 Nanjing Agricultural University :China 2020-07-17

The second prize of the annual teaching innovation award of the 4th Xipu national university teaching innovation competition in 2018.

Outstanding student education and management worker of Nanjing Agricultural University in 2018.

Excellent Communist Party member of the Department of electrical engineering in 2018.

- [1]the second prize in The first Dongfanghong intelligent agricultural equipment competition as guide teacher in 2015.
- [2] the Second prize of Jiangsu Province in The Challenge Cup as guide teacher in 2017.
- [3]the Grand prize of Nanjing Agricultural University in The Challenge Cup in school trials as guide teacher in 2017.
- [4]Jiangsu competition District special prize in The National 3D competition as

guide teacher in 2018. [5]National first prize in The National 3D competition as guide teacher in 2018.
 [1] Served as the vice president of science & technology of Jiangsu innovation and entrepreneurship plan and the vice president of science and technology of Yancheng City. [2] Supported by the 14th batch of "Longcheng talents" leading talent entrepreneurship project in Changzhou.