## **BIBLIOGRAPHY**

- [1] Danyang Liu, Smart Home System Design and Implementation, Electronic Industry Press, 2018.
- [2] Song Ning, Development and Application of Smart Home System, Beijing Science Press, 2017.
- [3] Fangfang Gong, "Research on Smart Home Technology and Application", Computer and Communication, 2016.
- [4] WU Shaobao, CHEN Qinghui, HUANG Michelle, et al. Design and Implementation of Zabbix Monitoring and Alerting Platform Based on Raspberry Pi[J]. Journal of Tonghua Normal University, 2022, 43(6):1-7.
- [5] Shi Zihao, Xia Jianing. Design of smart home control system based on Raspberry Pi and Python[J]. Computer Products and Circulation, 2019 (12): 120. He Xiang, Meng Xiaohua, Embedded smart home terminal human-machine interface design and realization[j]. Computer Engineering and Design, 2010(07):1484-1487
- [6] Gui Long, Dai Xiaopeng, Shen Cong. Design of smart home system based on raspberry pi and onenet cloud platform[J]. Fujian Computer, 2018, 34(01):33-34.
- [8] Dong Ming. Design and realization of Android-based smart home system [J]. Electronic Design Engineering, 2017, 25(24): 70-73.
- [9] Gao Chengfa, Chen Bo, Liu Yongsheng.High-accuracy real-time dynamic positioning with GNSS for Android smartphones[J]. Journal of Surveying and Mapping,2021,50(1):9.
- [10] Li Guozhu . Realization of humidity measurement using temperature and humidity sensor SHTxx [J] . Journal of Xi'an College of Arts and Sciences (Natural Science Edition) 2008.
- [11] CSDN.MQ-2 Tutorial on the Principle and Use of Smoke Sensors [Z].
- [12]Li Hongbo . Design of Security Alarm System Based on STC89C52 [J]. Science and Technology Innovation and Application , 2021, 5 : 32-35.
- [13] LI Zhiwei, DONG Wei, HUANG Shuangcheng. Design of temperature and humidity monitoring system for agricultural greenhouses based on DHT11 [J]. Industrial Instrumentation and Automation Device, 2021(1): 39-43.
- [14] CHU Meng-Hui , WU Shu-Yao . Research on APP Page Layout Based on Android Studio [J]. Computer Programming Skills and Maintenance ,2021(07):72-73
- [15] Shen Xiang . Design of IoT gateway based on hardware TCP/IP protocol [J] Internet of Things Technology ,2019,9(10):35-37.
- [16] Li Qiangguo. Research on the Algorithm of Automatic Optical Detection of Mur a Defects in TFT-LCD Display [D]. D. University of Electronic Science and Technology, 2003.
- [17] Gong Jianxue. Tips for using ESP8266[J]. Digital User, 2019, 25(27):9
- [18] Duan Cuiping, Ku Shaoping, Li Jie.12864 Liquid Crystal Display Program Design[J]. Electrical and Electronic Engineering
- [19] Li, X., Li, Z., Ren, J., & Zhang, C. (2020). The development and promotion of home automation technology. Journal of Physics: Conference Series, 1572(2), 022049. [20] Wang, C., & Chen, J. (2019). The Application of Internet of Things in Smart Home. Journal of Physics: Conference Series, 1399(2), 022027