

College of Materials and Chemical Engineering Student-led Innovative Research Projects in 2022-2024

order number	name of student	project name	The Project level	Project time
1	Wu Chunlin	Development of raw materials and quality standardization system construction	provincial level	2024
2	Tan Yi	Preparation of gold nanocluster fluorescent probes and determination of heavy metal ions in antimony	provincial level	2024
3	Rodandan	Study on food-derived phenolic acid electrochemical sensor based on mesh structure composite of MXenes / SiO ₂ @MoS ₂ derivatives	provincial level	2024
4	Yi Kexin	Preparation of gold nanometer clusters / ceria nanomaterials and their application to glutathione detection	provincial level	2024
5	Tan Yajuan	Controllable construction of the acid position of Beta molecules and its catalytic behavior in furfural reaction from six-carbon sugar	provincial level	2024
6	Wang Yihan	EST-SSR development and genetic diversity analysis of germplasm resources	provincial level	2024
7	Du Hongxia	"Sugar high resistance" - -research and development of dark tea sugar hypoglycemic products	provincial level	2024
8	Fu Jiajun	Development of Jinhua Yisheng Yuan fermented feed and construction of intelligent feeding system	provincial level	2024
9	Xiong Meipure	Sincerely wish Shangpin qimeng science park —— planted scientific seeds, weaving scientific dreams	provincial level	2024
10	Liu Yuan	Preparation and application of efficiently degrading kitchen waste strains in dark tea	provincial level	2024
11	Peng Fating	The preparation and mechanical properties of enhanced recycled polypropylene composite in ramie	national level	2023
12	Jian Dan	Construction and application of a drug screening system targeting bacterial cyclic diguanylate	national level	2023
13	Wang Yijie	Study on cycle process of sodium antimonate by potassium salt	provincial level	2023

14	Zhu Huiying	Intelligent water level monitoring and analysis system	provincial level	2023
15	Xiao Jintao	Exploration on the green preparation and antioxidant application of tea polysaccharide composite membrane	provincial level	2023
16	Zhang Zhen	Reing of bamboo flavonoids and development of bamboo drink	provincial level	2023
17	Sun iridium	salt tolerance Fe ³⁺ The adsorption properties of the pre-loaded D113 resin for glyphosate	national level	2022
18	Hu Peiwen	Orange Art tea research and popular science service team-popular science practice and entrepreneurship training	national level	2022
19	Kong de collar	Research on the cathode material of lithium battery	provincial level	2022
20	Luo Meiting	"0" sealed garbage- -biological three-dimensional kitchen waste treatment station	provincial level	2022
21	Tang Jiawei	Synthesis of the Cys-ratio-type two-photon fluorescence probes based on the FRET mechanism	provincial level	2022
22	Yuan Zhaopeng	Preparation of working electrolyte of aluminum electrolytic capacitor	provincial level	2022
23	Ye Yuan	Construction of fluorescent sensor and determination of mercury ions	provincial level	2022