

The CV of Wang Yifei

Name: Wang Yifei

The university which graduated : The University of Wuhan
Light Industry

The direction where learned and graduated: School of
Chemistry and Environmental Engineering

The Department where worked: The laboratry of Light
Industry

Professor: Zhou Xiaorong



Undergraduate thesis

"Synthesis and studying adsorption properties of carbon-doped hydroxyapatite"

Undergraduate research was devoted to the production of materials based on hydroxyapatite and the study of their sorption characteristics for the removal of toxic chromium(VI) ions from aqueous solutions. The influence of pH, temperature, ADD PARAMETERS was studied and it was found that the developed materials under optimal experimental conditions can provide highly effective water purification.

Master thesis

Scientific group: synthesis and research of nanoparticles and nanostructured materials.

The master's thesis will be devoted to the development of highly efficient photocatalysts based on tin dioxide nanoparticles for the removal of dyes and antibiotics from aqueous solutions using environmentally friendly and waste-free photocatalysis technology.