Ahmed Mahmoud Hassan Mohamed



Assistant Lecturer of Biochemistry

Permanent address: Department of Agriculture

Biochemistry, University of Benha, Egypt.

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## Personal details

Date and Place of Birth : 1st August 1986, Elbehara, Egypt

Nationality : Egyptian

Marital status : Married

## Academic degrees

**PhD.** **(Nano Bioanalysis and Food Safety):** Department of Food Science, Huazhong Agricultural University (HZAU), China, Graduated date: June 2019.

***Thesis title****:* “**Sensors to detect Sulfur Pesticide residues & Biothiols**”

**M.Sc.** **(Biochemistry):** Department of Agriculture Biochemistry, BenhaUniversity (BU), Egypt, Graduated date: February 2012.

***Thesis title****:* “**Biochemical studies on canola seeds**”

**B.Sc.** **(Biochemistry),** Department of Agriculture Biochemistry, BenhaUniversity (BU), Egypt, Graduated date: July 2007.

Research Interests

Biosensors

Nanotechnology

Chemical Optics and Spectroscopy

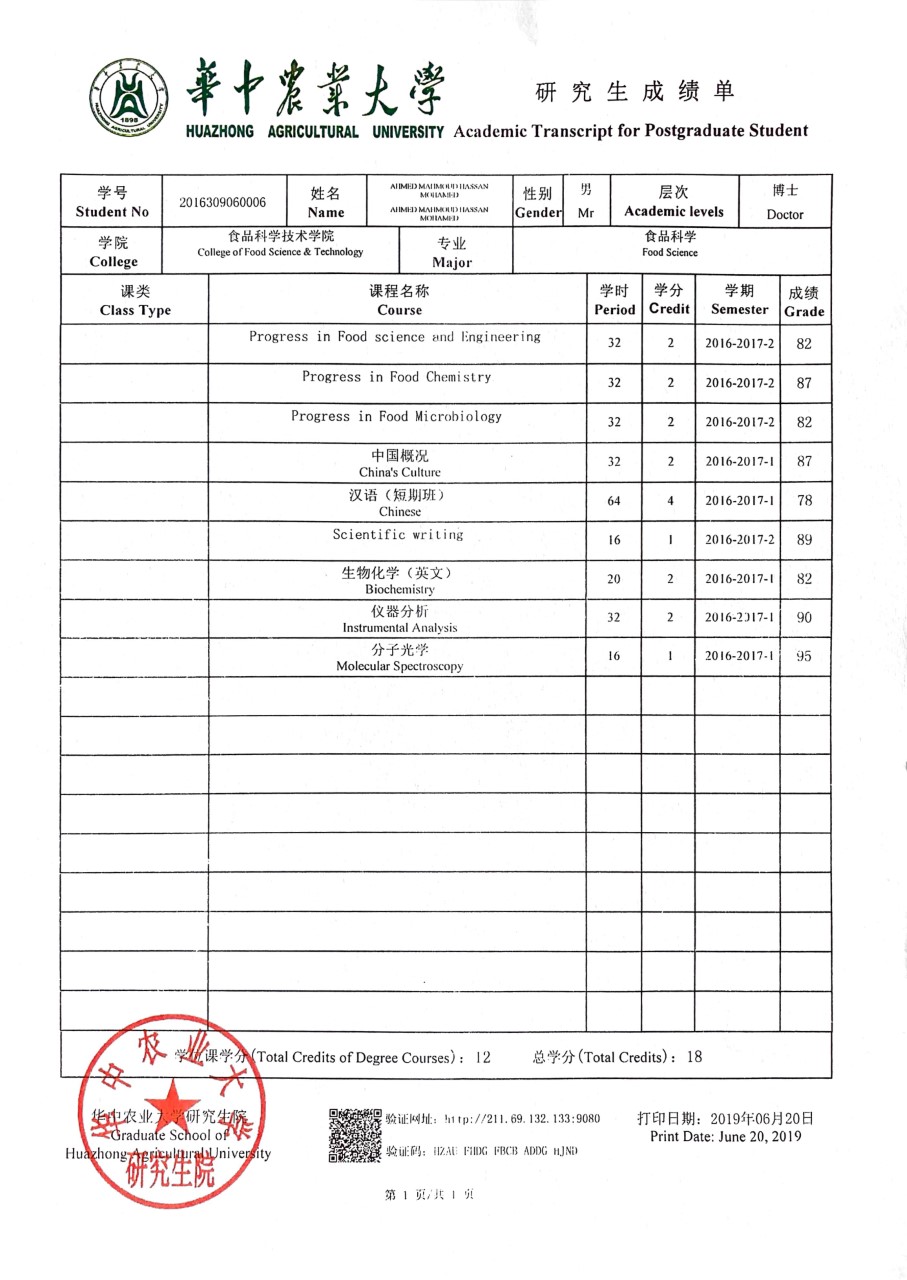
Proteins

Environmental Chemistry

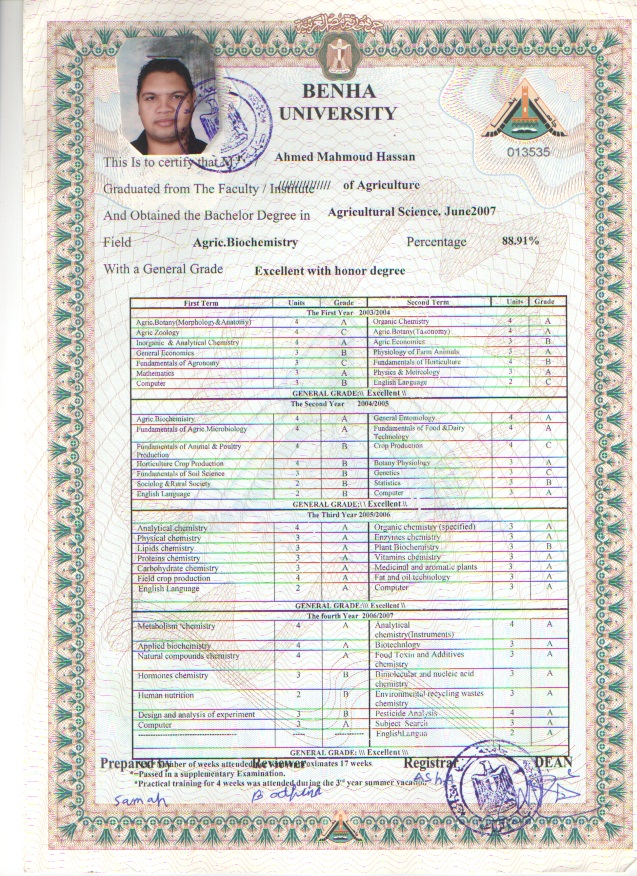
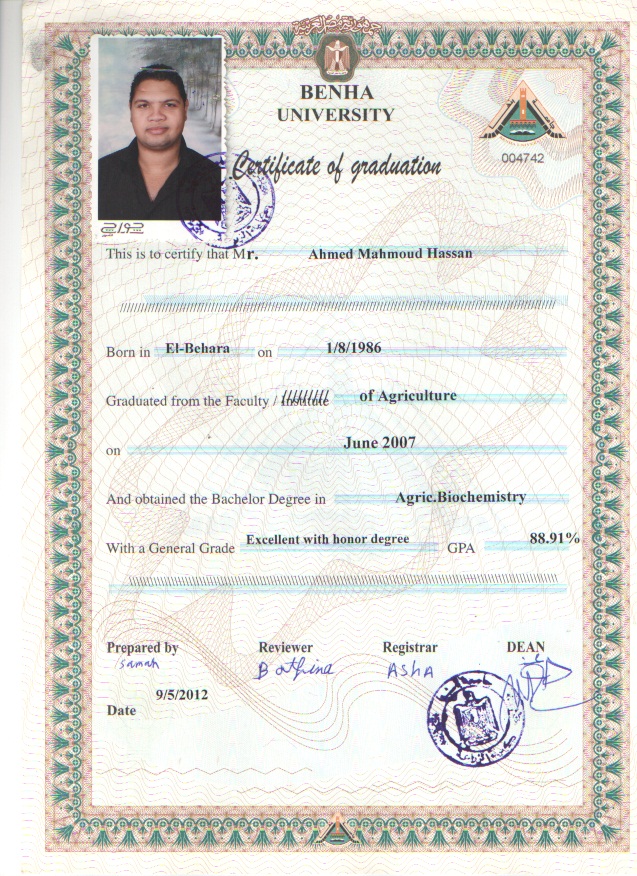
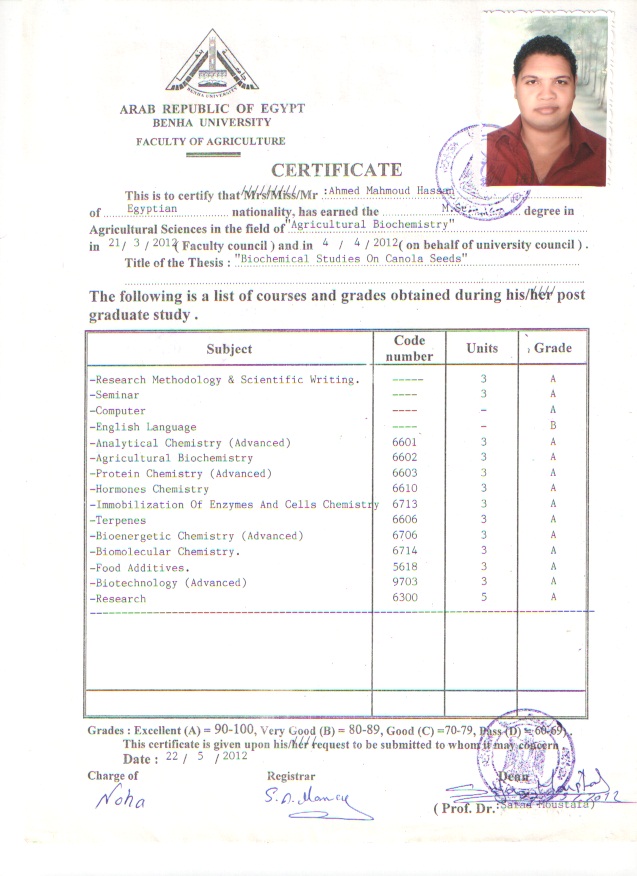
Current Scientific Activities

1. Published book under title of “**Biochemical studies on canola seeds**” with NOOR publishing (ISBN: 978-3-330-80257-5) **2017**.
2. Published paper under title of “**Single microbead-based fluorescence “turn on” detection of biothiols by flow cytometry**”. Ahmed Mohamed, Xuemeng Li, Jinquan Li, Chuangye Lin, Abdullah M. Asiri, Hadi M. Marwani, Suhua Wang, Zhidong Xiao\*, Bin Li\*, Chao Yuan\*. Talanta, **2019**, 195: 197–203.
3. Reviewer at Analytica Chimica Acta (ACA) at Elsevier.
4. <http://www.bu.edu.eg/staff/ahmedmohamed6>
5. <https://scholar.google.com.eg/citations?user=HWtoTSkAAAAJ&hl=en>
6. <https://www.researchgate.net/profile/Ahmed_Mohamed75>
7. <https://www.facebook.com/ahmed.m.hassan.5439>
8. <https://twitter.com/crazymedo3000>
9. <https://www.linkedin.com/in/ahmed-mohamed-13b9a9b5/>

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***Teaching experience***

* Teaching some of practical courses (Inorganic and Analytical chemistry – Organic chemistry) to students in the first year in my faculty.
* Teaching some of practical course (Agric. Biochemistry) to students in the second year in my faculty.
* Teaching some of practical courses (Analytical chemistry – Physical chemistry – Proteins chemistry – Plant biochemistry) to students in the third year in my faculty.
* Teaching some of practical courses (Metabolism chemistry – Applied biochemistry – Natural compounds chemistry – Biotechnology – Bimolecular and nucleic acid chemistry – Environmental recycling wastes chemistry) to students in the fourth year in my faculty.

**Updated: June 2019**