

HASSAN TUHMAZ HAMAD

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EDUCATION

MSc. Chemical Science - Al al-Bayt University -2003.

BSc : Chemical Science - Baghdad University – 1996.

SCIENTIFIC PROMOTIONS

From Assistant Lecturer to Lecturer, June, 2016

From Lecturer to Assistant Professor, October , ٢٠١٩

WORK EXPERIENCE

Water treatment 1997-2000

TEACHING EXPERIENCE

Assistant lecturer in College of science, University of Thi-Qar 2004-2010

Courses: Analytical chemistry and physical chemistry

Teaching Assistant, College of medicine, University of Thi-Qar 2011-2020

Courses: Biochemistry, Organic Chemistry

RESEARCH EXPERIENCE

Simulation some for drugs to the COVID-19 virus theoretically by MOE a program

PUBLICATIONS

1- The effects of Palladium, Gold, and Iron Nanoparticles as Medical Catalysis.(IOSR Journal of Applied Chemistry (IOSR-JAC))

2- Simulation of Au and Mo Nanoparticles Effects.(International Journal of Science and Research (IJSR))

- 3- Photothermal therapy of cancer by using the nanomaterials such as gold.
- 4- Photothermal treatment of cancer by using the nanomaterials such as Titanium.
- 5- Kinetic Processes Simulation for Production of the Biodiesel with Using as Enzyme
H.T.Hamd3-
- 6-Inducing and treatment of Human cells by ZnO Nanoparticles. (Issued by thi-qar medical college), Hasan Tuhmaz(1),Aziz Abbas
- 7-Study of TiO₂ nanoparticles induction for biological system Hasan Tuhmaz (1), Lamees Majid Hammed.
- 8-Simulation of laboratory - prepared compounds as anticancer from quinazoline derivatives.
- 9- Simulation THDP-quinazoline-3-ol compound as anticancer for (HCT116) cells of the Alkaloid Quinazoline Extracted from Aspergillus nomius.
- 10- The thermo-optical treatment of cancer by laser light with Ag nanoparticles.
I have a research is pending to publish in:
- 11- He-Ne monochromatic light with selenium nanoparticles. Hassan Tuhmaz Hamad , Lamees M. AL- Janabi
- 12- Simulation of the warfarin drug-binding nano- metal induction for serum albumin.

RELEVANT SKILLS

Communication skills
Technology skills
Programming ability in MATLAB