

Curriculum Vitae

Name: Sami Abdul Aziz Al Hussain

Academic qualifications:

- (1) Bachelor of Science, Chemistry department , King Saud University
- (2) Master degree in chemistry, Chemistry department , King Saud University (1429)
Thesis titled:
“Effect of Some Foods on the Dissolution of Aluminum on other Elements from Cooking Utensils”.
- (3) PhD Student, Chemistry department , King Saud University (1436)
Thesis titled:
“Synthesis of modified highly dispersed magnetic nano powder polymeric surfactants as petroleum crude oil spill collector”.

Experience:

- (1) Teacher for secondary school students .
- (2) Demonstrator in the chemistry department teaching laboratories, Al- Imam Mohammad Ibn Saud Islamic University (IMSIU) (1431-1432).
- (3) Vice chairman of chemistry department, Al- Imam Mohammad Ibn Saud Islamic University (IMSIU) (1432).

- (4) Lecturer at the chemistry department, faculty of science, Al-Imam Mohammad Ibn Saud Islamic University (IMSIU) (1432).**
- (5) Assistant professor at the chemistry department, faculty of science, Al- Imam Mohammad Ibn Saud Islamic University (IMSIU) (1436).**
- (6) Head of chemistry department at the chemistry department, faculty of science, Al- Imam Mohammad Ibn Saud Islamic University (IMSIU) (1437).**

Course :

- **Working on (ICP-7000)**
- **TOEFL**
- **Workshop "virtual laboratory experience."**
- **A training course in the foundations of electronics and information technology.**
- **Program "Education for the future."**
- **A teacher certificate participant in the global professional development program Intel.**
- **the level of excellence of Education Office in kindergarten in the educational aspects of Award (1430)**

List of Publications:

- (1) Corrosion Inhibition of Mild Steel in Acidic Medium by Magnetite Myrrh Nanocomposite, 2014.**
- (2) Corrosion Inhibition Of Nanocomposite Based On Acrylamide Copolymers /Magnetite For Steel, 2014.**
- (3) Synthesis of Environmentally Friendly Highly Dispersed Magnetite Nanoparticles Based on Rosin Cationic Surfactants as Thin Film Coatings of Steel, 2014.**
- (4) Synthesis of Stabilized Myrrh-Capped Hydrocolloidal Magnetite Nanoparticles, 2014.**
- (5) Application of Eco-friendly Magnetite Nanoparticles Coated with Rosin Amidoxime as Corrosion Inhibitor for Mild Steel in 1 M Hydrochloric Acid Solution, 2015.**
- (6) Functionalization of Magnetite Nanoparticles as Oil Spill Collector, 2015.**
- (7) Interaction of human serum albumin with silver nanoparticles functionalized with polyvinylthiol, 2015.**
- (8) A versatile one-pot method for the synthesis of amphiphilic bioactive magnetic rosin coated nanoparticles as oil spill collector, 2015.**

(9) Characterization of superhydrophobic epoxy coatings embedded by modified calcium carbonate nanoparticles , 2016.

(10) COLLECTION OF PETROLEUM CRUDE OIL SPILL POLLUTANTS FROM SEA WATER USING HIGH MAGNETIZATION ANTIMICROBIAL BIOCOMPATIBLE MAGNETITE NANOPARTICLES , 2016.

(11) Delivery of ibuprofen by natural macroporous sporopollenin exine capsules extracted from Phoenix dactylifera L. , 2016.

(12) Novel pyrazole derivatives with oxa/thiadiazolyl, pyrazolyl moieties and pyrazolo[4,3-d]-pyrimidine derivatives as potential antimicrobial and anticancer agents , 2016.

(13) One-Pot Microwave Synthesis of Pyrimido[4,5-b]quinoline and its C- and S-Glycosides with Anti-Inflammatory and Anticancer Activities , 2016.

(14) PREPARATION OF MAGNETITE AND MANGANESE OXIDE IONIC POLYMER NANOCOMPOSITE FOR ADSORPTION OF A TEXTILE DYE IN AQUEOUS SOLUTIONS , 2016.

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