

Dr. Suha Qais CV

Personal Information

Name: **Suha Qais Muhammed Hasan** Date of birth: **8 October 1988** Location: **Baghdad-Iraq**
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Education

Materials engineer
(B.Sc. 2010) / Al-Mustansiriya University.
(M.Sc. 2018) / Al-Mustansiriya University.
(Ph.D. 2023) / University of Technology-Iraq.

Professional Summary

As a Materials engineer, I am eager to apply my skills and knowledge in the materials sector. With the ability to teach Mathematics, numerical analyses, mechanics, strength of materials, corrosion, and biomaterials.

I obtained the second infiltration in the coursework phase when studying for a master's degree, and I obtained the first infiltration in the coursework phase in my doctoral study.

Work Experience

- I worked as a university lecturer of mathematics and engineering analysis at Imam Jaafar Al-Sadiq University.
- Materials Engineer in National Center for Water Resources Management, Baghdad, Iraq.

Publications

I have prepared many research papers that have been published in many journals, including journal within Clarivate and Scopus containers.

- Bioinorganic Preparation of Hydroxyapatite and Rare Earth Substituted Hydroxyapatite for Biomaterials Applications.
- Investigation of the Nd-Ce-Mg-Zn/Substituted Hydroxyapatite Effect on Biological Properties and Osteosarcoma Cells.
- Investigation in Hydroxyapatite After Cationic Substitution with Neodymium and Magnesium.
- The Impacts of Calcium Ions Substitution in Hydroxyapatite with Neodymium and Zinc on Biological Properties and Osteosarcoma Cells.
- Burnishing Operation for Corrosion Resistance Improvement of AISI 1017 Carbon Steel.
- Investigation the Effect of Nd:YAG Laser on the Hardness and Corrosion Resistance of Carbon Steel AISI 1017.
- Brief History and Fundamentals about the Grouting.

Patent

تحضير هيدروكسي أباتيت معوض بحجم نانوي من خلال استخدام عناصر ارضية نادرة ومغنيسيوم وزنك للتطبيقات الحيوية.