



## Dr. Jlassi Khoulood PhD Research Assistant

Dr. Khoulood obtained a Ph.D. in chemistry from the Paris Diderot (ITODYS) lab in “chemistry of materials and functional surfaces”. Her main research topic involves the design of reactive and functional polymer and nanocomposite coatings. She spent time and effort designing reactive and functional polymer, hybrid nanocomposite, Carbon quantum dots, and biochars using developed aryldiazonium salts or silanes as new coupling agents in materials science. The applications encompass clean water production, energy conversion, adsorbents, sensors, reactive fillers, antibacterial surfaces, and electronic devices. Dr Khoulood has supervised over 06 undergraduate students, and collaborated with academic researchers from France, Turkey, the United States, and India. She has received prestigious funding from various sources, including the QNRF, QRDI and QU. She has over 41 research papers and one registered patent to her credit. She is the editor of two books, and she serves as associate editor for SN Applied Sciences (springer Nature), and a reviewer for many international journals. In addition, of many services for the center (WTU), and companies, e.g., Qatar Electricity and Water Company (QEWAC), and the Ministry of Municipality and Environment (MME).

**Google Scholar:** [https://scholar.google.com/citations?hl=en&pli=1&user=u\\_1KSfIAAAAJ](https://scholar.google.com/citations?hl=en&pli=1&user=u_1KSfIAAAAJ)

**Scopus:** <https://www.scopus.com/authid/detail.uri?authorId=55667661800>

**Research Gate:** <https://www.researchgate.net/profile/Khoulood-Jlassi>

**LinkedIn:** <https://www.linkedin.com/public-profile/settings>