Modele CV Enseignant

Name: Mohamed Larbi DJABALLAH

Rank: Maitre de Conference A

Department: Process Engineering

Email Address: Medlarbi.djabalah@enp-constantine.dz, mohameddjaballa@yahoo.fr

Educational Profile:

- ➢ Doctorat Science/PhD in Process Engineering, Universite of Oum el Bouaghi, Algeria
- ➢ Master's degree (Magistère) in Chemical Engineering - University of Constantine 1- Algeria
- ➢ Diploma of Advanced Studies (DEA) in Process Engineering - INP of Toulouse- France
- ➢ State Engineering (Diplome d'Ingénieur) in Industrial Chemistry. Option: Chemical Engineering –University of Constantine 1 – Algeria

Honors and Distinctions

Scientific Activities & Membership of Scientific Societies

- ➢ Member of scientific committee
- ➢ Member of the doctoral training committee
- ➢ Responsable de filière

List of Current Research Projects

Project: PRFU Code: A16N01ES250120210001

Project title: "Dimensioning, design and construction of a fluidized bed membrane reactor for the synthesis of hydrogen"

List of Journal Publications (starting with most recent one according to the **format below**)

1. Djaballah. M. L, Belghit. A, Dehne. A, Merouani. S, Hamdaoui. O, Ashokkumar,2023, M, Radicals ($^{\bullet}$OH, Cl$^{\bullet}$, ClO$^{\bullet}$ and Cl$_2^{\bullet-}$) concentration profiles in the intensified degradation of reactive green 12 by UV/chlorine process: Chemical kinetic analysis using a validated model, Journal of Photochemistry & Photobiology, A: Chemistry. 439 : 114557.
DOI : https://doi.org/10.1016/j.jphotochem.2023.114557

2. Djaballah. M. L, Belghit. A, Merouani. S, Bendjamaa. H, Hamdaoui. O, 2021, Development of a free radical-based kinetics model for the oxidative degradation of chlorazol black in aqueous solution using periodate photoactivated process, Journal of Photochemistry & Photobiology, A: Chemistry. 408 : 113102. DOI: https://doi.org/10.1016/j.jphotochem.2020.113102

3. Djaballah. M. L, Kabouche,2019, Modeling vapor-liquid equilibrium of CO_2 in aqueous MEA using hybrid genetic based algorithm, J. New Technol. Mater., Special Issue, Vol. 08, N°03, 87-92.

4. Djaballah. M. L, Kabouche. A,2015, Vapor-Liquid Equilibrium Prediction of Carbon Dioxide in an Aqueous Alkanolamine Solution Using Deterministic and Stochastic Algorithms, Chem. Eng. Trans, 43, 1837-1842. DOI: 10.3303/CET1543307

List of Conference Papers (starting with most recent one, using the **format below**)

1. Mohamed Larbi Djaballah, Slimane Merouani, Bachir Nadir Benkhaoula, Islam Fergani, 2022, «Development of a free radical-based kinetics model for the oxidative degradation of an emerging contaminant using chlorine photoactivated process», 1st International Conference on Materials Sciences and Technology (MatScience-2022), Dec, 13-15th, 2022

2. Rayene Kolai, Mohamed Larbi Djaballah, Slimane Merouani, 2022, «The degradation of emerging organic pollutants in aqueous solutions by innovative processes», 2nd International Conference on Engineering and Applied Natural Sciences on 15-18 October in 2022 at Konya/Turkey.

3. Mohamed Larbi Djaballah, Azzedine Kabouche, 2018, «Modeling vapor-liquid equilibrium of CO_2 in aqueous MEA using hybrid genetic based algorithm», Journées Scientifiques sur les Sciences et l'Engineering (Science and Engineering Days) JSSE'18, Ecole Nationale Polytechnique de Constantine, Algérie, December 9-10, 2018

4. Participation aux 2èmes journées de chimie à l'EMP de Bordj el Bahri 26-27 Mars 2007 - BOUMERDES-

5. Participation à la conférence internationale pour l'Energie Renouvelable et le Développement Durable 21-24 Mai 2007- TLEMCEN –

6. Participation à la Conférence Internationale sur le Génie des Procédés 28-30 Octobre 2007- BEJAIA -

List of Current Doctoral Research Students Supervision

1. Rayene Kolai