

Modele CV Enseignant

Name: Zineb BOUTAMINE

Rank: Maître de Conference B

Department: Process Engineering

Email Address: zaineb.boutamine@enp-constantine.dz, boutaminezineb@gmail.com

Educational Profile:

- Doctorat Science/PhD in Process Engineering, University Badji Mokhtar, Annaba, Algeria
- Magister in Process Engineering, University Badji Mokhtar, Annaba, Algeria.
- Engineer in Process Engineering, University Constantine 1, Algeria.

List of Current Research Projects

- Dimensionnement, conception et réalisation d'un réacteur membranaire à lit fluidisé pour la synthèse de l'hydrogène

List of Journal Publications

1. I. Boukerche, **Z Boutamine**, Sara Bekrou, 2023, Investigation of photocatalytic degradation of an anionic dye Brilliant Blue G 250 by nanocatalyst of ZnO-EG prepared under ultrasonic waves, *Desalination and Water Treatment* (284) 251–267.
2. **Z Boutamine**, O Hamdaoui, S Merouani, 2018, Sonochemical and photosonochemical degradation of endocrine disruptor 2-phenoxyethanol in aqueous media, *Separation and Purification Technology* 206, 356-364.
3. **Z Boutamine**, O Hamdaoui, S Merouani, 2018, Probing the radical chemistry and the reaction zone during the sono-degradation of endocrine disruptor 2-phenoxyethanol in water, *Ultrasonics sonochemistry* 41, 521-526.
4. **Z Boutamine**, S Merouani, O Hamdaoui, 2017, Sonochemical degradation of Basic Red 29 in aqueous media, *Turkish Journal of Chemistry* 41 (1), 99-115.
5. **Z Boutamine**, O Hamdaoui, S Merouani, 2017, Enhanced sonolytic mineralization of basic red 29 in water by integrated ultrasound/Fe₂₊/TiO₂ treatment, *Research on Chemical Intermediates* 43 (3), 1709-1722.
6. S Merouani, O Hamdaoui, **Z Boutamine**, Y Rezgui, M Guemini, 2016, Experimental and numerical investigation of the effect of liquid temperature on the sonolytic degradation of some organic dyes in water, *Ultrasonics sonochemistry* 28, 382-392.
7. BLM K. Bellir, Ismail Bouziane, **Zineb Boutamine**, Abdeslam Meniai, 2012, Sorption Study of a Basic Dye "Gentian Violet" from Aqueous Solutions Using Activated Bentonite, *Energy Procedia* 18, 924–933.